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ABSTRACT

The fifth annual bibliography of Educational Resources Information Center (ERIC) Clearinghouse publications reflects the information analysis activities of each clearinghouse for Fiscal Year 1971. This is an annual bibliography of those publications of the ERIC Clearinghouses which reflect information analysis activities. In addition to the bibliographic activities which are conducted to increase dissemination of information on document availability, each clearinghouse also engages in information analysis activities, which include the preparation of bibliographies, research reviews, interpretive studies, and similar publications, designed to list, organize, review, and synthesize the literature of educational research to meet the needs of the user community. The publication includes substantial bibliographies, review papers, and state-of-the-art papers which are identified as ERIC information analysis publications; it excludes routine brochures, accession lists and short notes published in clearinghouse newsletters. (Previous volumes are available as ED 029 161, 034 089, 041 598, and 054 827.) (SJ/MM)

EDUCATIONAL RESOURCES INFORMATION CENTER

ERIC

ERIC PRODUCTS 1971-1972

U.S. Department of Health, Education and Welfare
National Institute of Education

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ERIC PRODUCTS 1971–1972

An Annotated Bibliography of Information Analysis

Publications of the ERIC Clearinghouses

July 1971 Through June 1972

Mary F. McCord, editor

ERIC CLEARINGHOUSE ON LIBRARY AND INFORMATION SCIENCE

AMERICAN SOCIETY FOR INFORMATION SCIENCE

May 1973

U.S. Department of Health, Education and Welfare
National Institute of Education
Educational Resources Information Center
Washington, D.C.

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INTRODUCTION

The ERIC System

ERIC, an acronym for Educational Resources Information Center, is a nationwide information system designed and supported by the National Institute of Education. Since June 1964, ERIC has been dedicated to the progress of education through the dissemination of education research results, research-related materials, and other resource information that can be used in developing more effective educational programs. ERIC consists of a coordinating staff in Washington, D.C. and a number of clearinghouses located at universities or with professional organizations across the country.

Through this network of specialized centers or clearinghouses, each of which focuses on a specific field in education, information is acquired, evaluated, abstracted, indexed, and announced in ERIC reference products. These reference publications, *Current Index to Journals in Education* (*CIJE*) and *Research in Education* (*RIE*), thus provide access to reports of innovative programs and significant efforts in educational research, both current and historical, which might otherwise not be made available.

CIJE is a monthly index to 700 educational periodicals. The majority of these publications represent the core periodical literature in the field of education. The other publications indexed in *CIJE* represent coverage devoted to peripheral literature relating to the field of education. This unique feature assures access to important articles published in those periodicals which fall outside the scope of education-oriented literature. *CIJE* is published by Macmillan Information, 866 Third Avenue, New York, New York 10022. Subscription rate: U.S.–$44.00 a year; single copy–$3.70; semiannual and annual cumulative indexes–$45.00. Foreign subscriptions have postage added.

RIE is a monthly abstract journal announcing recently completed research and research-related documents in the field of education. *RIE* is published by the Superintendent of Documents, U.S. Government Printing Office (G.P.O.), Washington, D.C. 20402. Subscription rate: U.S.–$38.00 a year; foreign–$47.50; single copy, U.S.–$3.25. Semiannual and annual cumulative indexes are also available from G.P.O.

ERIC Products

ERIC Products is an annual bibliography of those publications of the ERIC Clearinghouses which reflect information analysis activities. In addition to the bibliographic activities which are conducted to increase dissemination of information on document availability, each clearinghouse also engages in information analysis activities, which include the preparation of bibliographies, research reviews, interpretive studies, and similar publications, designed to list, organize, review, and synthesize the literature of educational research to meet the needs of the user community.

The publication includes substantial bibliographies, review papers, and state-of-the-art papers which are identified as ERIC information analysis publications; it excludes routine brochures, accession lists and short notes published in clearinghouse newsletters. This fifth issue of *ERIC Products* lists 415 publications for Fiscal Year 1972 (July 1971 through June 1972).

The full text of 325 of the 415 documents cited in this bibliography is available in two forms: microfiche (MF)–a 4″ × 6″ sheet of microfilm, on which up to 70 pages of text are reproduced, and hard copy (HC)–a reproduction of the document on paper at the original size, and may be ordered from the ERIC Document Reproduction Service (EDRS). In most cases if the document is not available from EDRS, an alternate availability is given with the citation.

For these documents available from EDRS, whether in microfiche or hard copy form, the following requirements apply:

1. All items **must** be ordered by ED number.
2. Book rate or library rate postage is included in the prices. The difference between book rate or library rate and first class or foreign postage (outside the continental United States) rate will be billed at cost.
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4. All orders must be in writing; no phone orders.

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Further details on ordering documents and order forms are available on request by writing to EDRS at the above address.

To correspond with the issues of *RIE*, the references in this bibliography are arranged by the clearinghouse's alpha prefix. Within each clearinghouse, entries without identified personal authors are listed before those with authors. For each entry, the following items of information, as appropriate and in the form supplied by the individual clearinghouses, have been given:

1. Personal author(s)
2. Title
3. Series name and number
4. Journal reference
5. Date of publication, if not already included in a journal reference
6. Number of pages
7. Type of publication, e.g., Bibliography, Review Paper, etc.
8. ERIC Document (ED) number or clearinghouse accession number if the document has not yet appeared in *Research in Education*
9. Date of appearance of abstract in *Research in Education*
10. Price of the document, in either microfiche (MF) or hard copy (HC) format
11. A brief abstract

*The first issue of *ERIC Products*, listing 149 publications of Fiscal Year 1968, is available as ERIC document ED 029 161 (Price: MF-$0.65; HC-$3.29), the second issue, listing 240 publications of Fiscal Year 1969, is available as ERIC document ED 034 089 (Price: MF-$0.65; HC-$3.29), the third issue, listing 366 publications of Fiscal Year 1970, is available as ERIC document ED 041 598 (Price: MF-$0.65; HC-$3.29), and the fourth issue, listing 416 publications of Fiscal Year 1971, is available as ERIC document ED 054 827 (Price: MF-$0.65; HC-$3.29). All issues may be ordered from the ERIC Document Reproduction Service.

ERIC PRODUCTS 1971–1972
STATISTICAL SUMMARY

Type of Publication

	Abstract Journal	Annotated Bibliography	Bibliography	Conference Report	Directory	Journal Article	Literature Review	Monograph	Paper	Report	Serial	State-of-the-Art Review	Other	TOTALS
Adult Education (AC)	--	1	--	--	--	11	7	--	--	--	--	1	--	20
Counseling and Personnel Services (CG)	--	12	--	--	--	--	--	--	1	--	3	--	--	16
Educational Management (EA)	--	--	1	--	1	1	13	--	--	--	--	2	--	18
Exceptional Children (EC)	3	50	1	8	2	34	--	2	2	--	--	--	4	106
Educational Media and Technology (EM)	--	5	--	--	--	3	1	1	--	--	--	1	3	14
Languages and Linguistics (FL)	--	2	6	--	1	2	--	1	4	--	--	--	--	16
Higher Education (HE)	--	--	--	--	--	1	6	--	6	5	--	--	--	18
Junior Colleges (JC)	--	--	--	--	1	2	9	2	10	--	--	--	2	26
Library and Information Sciences (LI)	--	1	1	2	2	3	1	1	--	--	--	--	3	14
Early Childhood Education (PS)	--	11	--	--	--	--	--	--	8	--	--	--	2	21
Rural Education and Small Schools (RC)	--	3	--	--	--	--	--	--	2	4	--	--	--	9
Reading (RE)	--	1	1	--	--	--	--	2	1	--	--	--	--	5
Science and Mathematics Education (SE)	2	1	--	3	--	--	--	--	4	3	--	--	--	13
Social Studies/Social Science Education (SO)	--	2	--	--	--	--	--	1	4	--	1	--	2	10
Teacher Education (SP)	--	1	--	--	1	--	1	4	9	1	--	--	2	19
Teaching of English (TE)	--	3	2	--	--	15	--	3	--	--	--	2	1	26
Tests, Measurement and Evalution (TM)	--	2	2	5	--	--	--	--	2	1	--	--	--	12
Disadvantaged (UD)	--	2	--	--	2	--	1	1	2	2	--	--	--	10
Vocational and Technical Education (VT)	11	--	7	--	--	--	7	--	2	1	--	9	5	42
TOTALS	16	97	21	18	10	72	46	18	57	17	4	15	24	415

MAIN ENTRY SECTION

72-001 AC
Training Law Enforcement Personnel *Current Information Sources, Number 33,* October 1971. 29p. (Annotated Bibliography) ED 054 400 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Job Training, Law Enforcement, Police Community Relationship, Police Seminars
Contained are 36 items on training of staff of law-enforcement personnel and police-community relationships. Most of the documents are from 1967-1970. Also included are instructions for ordering ERIC documents, and a list of ERIC/AE publications.

72-002 AC
Blakely, Robert J. **I'm Beginning to Think Like the Bird! or, Social and Philosophical Issues in the Use of Mass Media in Adult Education--A Review of the Literature** October 1971. 10p. (Literature Review) ED 054 443 RIE January 1972 MF-$0.65; HC-$3.29
Adult Education, Behavioral Science Research, Literature Reviews, Mass Media, Social Psychology
After indicating broad notions of adult education and mass media, the author defines the issues broadly, with the key issue being the chasm between man's power and his ability to use it for his own good, individually and collectively.

72-003 AC
Cassirer, Henry R. **The Use of Mass Media in Adult Education in Countries Outside the U.S. and Canada: A Literature Review** July 1971. 15p. (Literature Review) ED 051 435 RIE October 1971 MF-$0.65; HC-$3.29
Mass Media, Adult Education, Foreign Countries, Social Development
Documents on the mass media as it relates to adult education as a whole, to rural education, to special projects in higher technical education, and to family planning are examined.

72-004 AC
Copeland, Harlan G.; Grabowski, Stanley M. **Research and Investigation in the United States** *Convergence,* v4 n4, pp.23-32, 1971. 9p. (Journal Article)
Adult Education, Educational Research, Investigations, Historical Reviews
This article identifies major influences contributing to the improvement in quantity and quality of adult education research in the United States during the 1960's.

72-005 AC
Grabowski, Stanley M., ed.; Loague, Nehume, ed. **Adult Education Dissertation Abstracts: 1968-1969** September 1971. 227p. (Literature Review) ED 052 450 RIE November 1971 MF-$0.65; HC-$9.87
Adult Education, Annotated Bibliographies, Doctoral Theses, Masters Theses
Citations, abstracts, and ordering information are provided for 303 dissertations. Studies are classified by broad subject headings used in the ERIC Clearinghouse on Adult Education. A descriptive analysis of 297 studies from the years 1968-1969 is given and compared with the analysis of the dissertations from 1963-1967. Author, institutional, and methodological indexes are provided.

72-006 AC
Grabowski, Stanley M. **Adult Education in Museums** *Continuing Education in Museums,* n171, pp.1-5, April 1972. 5p. (Journal Article)
Museums, Adult Education, Exhibits, Bibliographies
Described are the various educational activities, both informal and formal, provided for adults by the present-day museum.

72-007 AC
Grabowski, Stanley M. **Adult Education Participation Data** *Continuing Education for Adults,* n169, pp.1-4, February 1972. 4p. (Journal Article)
Adult Learning, Learning Motivation, Educational Objectives, Research Needs
Reported on is "The Adult's Learning Projects," by Allen Tough, which is a synthesis of several studies, over the past seven years, of the deliberate learning efforts made by men and women.

72-008 AC
Grabowski, Stanley M. **Analysis of Publications in Continuing Education** *International Seminar on Publications in Continuing Education,* In: Charters, Alexander N. and Rivera, William M. 1972. 6p. (State-of-the-Art Review)
Publications, Professional Associations, Adult Education
Examined are the diverse publications of the many adult education agencies and organizations including newsletters, magazines and journals, directories, proceedings, register and abstract journals, handbooks, dissertations, bibliographies, literature reviews, and general works and curriculum materials.

72-009 AC
Grabowski, Stanley M. **Continuing Education for Local Public Officials** *Adult Leadership,* v21 n1, pp.30-31, May 1972. 2p. (Journal Article)
City Officials, Public Officials, Public Administration Education, Professional Continuing Education
Reviewed are documents about the relatively new and highly experimental continuing education programs for local public officials.

72-010 AC
Grabowski, Stanley M. **Counseling Disadvantaged Adults** *Continuing Education for Adults,* n165, pp.1-4, October 1971. 4p. (Journal Article)
Disadvantaged Groups, Social Problems, Adult Counseling, Techniques
The author examines reasons behind disadvantagement in adults and argues that counseling is definitely needed to combat these factors.

72-011 AC
Grabowski, Stanley M. **Cross-Cultural Training Methods** *Adult Leadership,* v20 n9, pp.339-340, March 1972. 2p. (Journal Article)
Cross Cultural Training, Teaching Methods
The new trend in cross-cultural training is for the "cultural-awareness" model by making trainees aware of the nature of culture; methods used are role playing, programmed instruction, and video self-confrontation. (Annotated list of documents).

72-012 AC
Grabowski, Stanley M. **Educational Counseling for Adults** *Adult Leadership,* v20 n7, p.266, January 1972. 1p. (Journal Article)
Adult Counseling, Educational Counseling, Counselor Attitudes
A brief description is given of adult educational counseling, noting adult needs and anxieties, as well as problems arising from counselor attitudes.

72-013 AC
Grabowski, Stanley M. **Law Enforcement Training Programs** *Adult Leadership,* v20 n4, p.160, October 1971. 1p. (Journal Article)
Police, Law Enforcement, Police Seminars, Training Techniques
Listed are some samples of the kinds of documents which have been processed by the ERIC Clearinghouse on Adult Education dealing with police training.

72-014 AC
Grabowski, Stanley M. **Police-Community Relations Programs** *Continuing Education for Adults,* n162, pp.1-3, July 1971. 3p. (Journal Article)
Police Community Relationship, Community Attitudes, Police, Training Techniques
Described are some of the problems involved in police-community relations and some of the approaches used to overcome them.

72-015 AC
Grabowski, Stanley M., ed. **Research and Investigation in Adult Education: 1971 Annual Register** 1971. 348p. (Literature Review) ED 056 263 RIE March 1972 MF-$0.65; HC-$13.16
Mass Media, Adult Education, Adult Learning, Program Planning, Teaching Methods
This annotated bibliography includes 578 items of research or investigation in adult education, most of which are dated 1970 or 1971. They cover adult learning characteristics, program planning and administration, learning environments, instructional methods, curriculum materials and instructional devices, personnel and staffing, education of particular groups, program areas, professional and technical continuing education, management and supervisory development, labor education, occupational training, institutional sponsors, and international perspectives.

72-016 AC
Grabowski, Stanley M. **Special Degree Programs for Adults** *Adult Leadership,* v20 n2, pp.75-76, June 1971. 2p. (Journal Article)
Adults, Higher Education, Special Degree Programs
Briefly discussed are provisions made for adults seeking academic degrees and listed are some related documents which have come to the attention of the ERIC Clearinghouse on Adult Education.

72-017 AC
Grabowski, Stanley M. **Training of Community Development Workers** *Adult Leadership,* v20 n5, p.191, November 1971. 1p. (Journal Article)
Community Development, Change Agents, Training
The author gives a summary of community development programs and training and offers a list of publications dealing with the training of community development workers.

72-018 AC
Gueulette, David G. **The Mass Media in Adult Education in the Developing Countries: A Literature Review** October 1971. 12p. (Literature Review) ED 057 284 RIE April 1972 MF-$0.65; HC-$3.29
Mass Media, Developing Nations, Literature Reviews, Educational Technology, Behavioral Objectives
Presented is a critique of the typical approaches to education in developing countries and the lack of attention to broad-based ethical issues. Questions of social upheaval or loss of traditional values caused by increased attention to education in developing nations are seldom mentioned in these approaches.

72-019 AC
Ohliger, John; McCarthy, Colleen **Lifelong Learning or Lifelong Schooling A Tentative View of the Ideas of Ivan Illich with a Quotational Bibliography** July 1971. 102p. (Literature Review) ED 049 398 RIE August 1971 MF-$0.65; HC-$6.58
Adult Educators, Educational Philosophy, Continuous Learning, Adult Education [Illich (Ivan)]
Attention in this review is focused on Illich's missionary training activities, his subsequent involvement with the Center for Intercultural

Documentation in Cuernavaca, Mexico, and the influence of a Brazilian adult educator, Paulo Freire, in Illich's social and educational thinking.

72-020 AC
Steele, Sara M. **Cost-Benefit Analysis and the Adult Educator: A Literature Review** July 1971. 34p. (Literature Review) ED 056 287 RIE March 1972 MF-$0.65; HC-$3.29
Cost Effectiveness, Input Output Analysis, Adult Educators, Literature Reviews, Systems Approach
Discussed in this review are the concepts involved in cost-benefit analysis and how they are operationalized in adult education. A survey of current usage shows that thus far, cost-benefit analysis has been limited primarily to programs which lend themselves to achieving economic outputs--usually associated with industry.

72-021 CG
Butts, Thomas A. **New Practices in Student Orientation** *Personnel Services Review. Series 5. Contemporary Issues in Student Personnel Work*, December 1971. 42p. (Paper) ED 057 416 RIE April 1972 MF-$0.65; HC-$3.29
College Freshmen, Cultural Differences, Orientation, School Orientation, Transfer Students
Each section in this document focuses on orientation services for a specific population attending college. Goals and practices of various new programs are discussed, and applications are suggested for a variety of situations. It is intended for use by college and university faculty, staff and students who are responsible for planning, developing and executing services and programs for new students.

72-022 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 1R Retrospective Search. School Discipline and Civil Rights** October 1971. 11p. (Annotated Bibliography) ED 061 563 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Civil Rights, Student Rights, Discipline, Student School Relationship
Listed are 35 documents retrieved from the ERIC collection, "Dissertation Abstracts," and the journal literature, covering the defined civil rights of students, and legal decisions in the area of student-school relationships.

72-023 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 2R Retrospective Search. Counseling the Pregnant Teenager** October 1971. 12p. (Annotated Bibliography) ED 061 564 RIE August 1972 MF-$0.65; HC-$3.29
Pregnancy, Unwed Mothers, Teenagers, Dropout Prevention, Annotated Bibliographies
This search of 18 documents from the ERIC collection, "Dissertation Abstracts," and the journal literature, reviews attempts by several school systems to provide medical, psychological and educational support for pregnant teenagers, in order to prevent their dropping out of school.

72-024 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 3R Retrospective Search. Articulation** October 1971. 16p. (Annotated Bibliography) ED 061 565 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Articulation (Program), Program Coordination
Searched were the ERIC System, "Dissertation Abstracts," and the journal literature, and yielded were 50 document abstracts which cover the mutual relationships for the implementation of long-range educational objectives between state departments of education and school systems, four-year institutions and two-year institutions, and colleges and secondary schools.

72-025 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 4R Retrospective Search. Counseling for Drug Abuse** October 1971. 12p. (Annotated Bibliography) ED 061 566 RIE August 1972 MF-$0.65; HC-$3.29
Drug Abuse, Counseling Programs, Annotated Bibliographies
Reviewed are 42 documents retrieved from the ERIC collection, "Dissertation Abstracts," and the journal literature, and covered are techniques and school programs for education and prevention of drug abuse.

72-026 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 5R Retrospective Search. Counseling for Achievement Motivation** October 1971. 13p. (Annotated Bibliography) ED 061 567 RIE August 1972 MF-$0.65; HC-$3.29
Counseling Programs, Techniques, Motivation, Annotated Bibliographies, Goal Orientation
This search of the ERIC system, "Dissertation Abstracts," and the journal literature yielded 27 documents which review suggested techniques for use in school and at home to increase levels of motivation.

72-027 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 6R Retrospective Search. Improving Counselor Public Image** October 1971. 10p. (Annotated Bibliography) ED 061 568 RIE August 1972
Annotated Bibliographies, School Community Relationship, Community Involvement, Counselor Functions, Counselor Role
A search of the ERIC system, "Dissertation Abstracts," and the journal literature offer abstracts of 28 documents dealing with ways in which the profession can involve the community, thereby creating a more favorable counselor image on the part of the public.

72-028 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 7R Retrospective Search. Program Evaluation and Accountability** October 1971. 18p. (Annotated Bibliography) ED 061 569 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Program Evaluation, Counselor Role, Student Development
A search of the ERIC system, "Dissertation Abstracts," and the journal literature has yielded 28 documents, which are abstracted here. They review methods of program evaluation, and the extent to which programs and counselors themselves are effective in contributing to favorable student development.

72-029 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 8R Retrospective Search. Parent Counseling** October 1971. 16p. (Annotated Bibliography) ED 061 570 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Parent Counseling, Parent Role, Parent School Relationship
34 document abstracts were yielded from this search of the ERIC system, "Dissertation Abstracts," and the journal literature. They cover ways in which the school can involve the parents in the educational and social development of the child.

72-030 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 9R Retrospective Search. Confidentiality** October 1971. 14p. (Annotated Bibliography) ED 062 677 RIE Spetember 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Student Records, Confidential Records, Counselor Role, Legal Problems
This compilation of 27 abstracts of documents searched through the ERIC system, "Dissertation Abstracts," and the journal literature covers the ethics involved in student record keeping and privileged information, together with recent legal decisions affecting the counselor and the counseling relationship.

72-031 CG
Kidder, Mary Jane, comp. **Searchlight: Relevant Resources in High Interest Areas. 10R Retrospective Search. Students as Resources** October 1971. 12p. (Annotated Bibliography) ED 061 571 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Volunteers, Student Volunteers, Peer Teaching, Student Participation
This search of the ERIC system, "Dissertation Abstracts," and the journal literature yielded 35 documents which are abstracted here. These documents review different ways in which students can be utilized as volunteers in school and in the community.

72-032 CG
Jaslow, Carol, comp. **Searchlight: Relevant Resources in High Interest Areas. 11R Retrospective Search. Counseling the Aging** October 1971. 11p. (Annotated Bibliography) ED 061 572 RIE August 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Older Adults, Counseling Services, Adult Counseling, Adult Development
This search of the ERIC system, "Dissertation Abstracts," and the journal literature yielded 25 documents which focus on methods of viewing the aging and the extent to which programs and counselors are effective in contributing to the enrichment of the later years.

72-033 CG
Walz, Garry; And Others **Access: Resources for the Helping Professions. Volume 4, Number 1, Fall, 1971** October 1971. 225p. (Annotated Bibliography) ED 057 417 RIE April 1972 MF-$0.65; HC-$9.87
Annotated Bibliographies, Bibliographies, Pupil Personnel Services, Research Reviews (Publications), student Personnel Services
Access is the successor to the Integrated Personnel Services Index. Basically, this is an annotated bibliographic compilation of selected materials from available sources relevant to counseling and personnel work. In addition, "Access" contains a section which provides step-by-step search procedures to aid the user, and a section of topical analyses which present focused research reviews of literature annotated elsewhere in the volume.

72-034 CG
Walz, Garry, ed. **CAPS Capsule. Volume 5, Number 1** September 1971. 6p. (Serial) ED 057 418 RIE April 1972 MF-$0.65; HC-$3.29
Clearinghouses, Newsletters, Publications, Resource Materials
This journal acquaints the reader with recent projects, meetings, publications and materials which are of interest to those in the helping professions. It is published three times a year by the ERIC Clearinghouse on Counseling and Personnel Services.

72-035 CG
Walz, Garry R., ed.; And Others **Communique: News Sheet for School Counselors. Volume 1. Numbers 1-9; plus Index. December 1971** 24p. (Serial) ED 063 572 RIE October 1972 MF-$0.65; HC-$3.29
Counseling Programs, Counselor Performance, Individual Characteristics, Educational Research, Innovation
Described are a number of exemplary counseling programs and practices, research findings from various sources (1970-1971) and the implications of these for counselors, the results of several surveys of counselors' attitudes, and reviewed are a number of available resources for practicing counselors. The document presents this material in short and concise summaries.

72-036 CG
Walz, Garry, ed. **Impact: The Magazine for Innovation and Change in Counseling. Fall 1971** October 1971. 64p. (Serial) ED 056 364 RIE March 1972 MF-$0.65; HC-$3.29
Interviews, Literature Reviews, Occupational Guidance, Periodicals
The first issue of this new quarterly magazine presents an interview with Eli Ginzberg on career guidance, coupled with a section of reactions to this interview. Other sections elaborate on the "career guidance" theme, and present adoptable practices as well as an instrument for rating a career guidance program.

72-037 EA
Armstrong, Ronald **Student Involvement** *Analysis and Bibliography Series, Number 14*, February 1972. 15p. (Literature Review) ED 060 510 RIE July 1972 MF-$0.65; HC-$3.29
Literature Reviews, Student Participation, Decision Making, Student School Relationship, Activism
Intended primarily for educational administrators, this review presents an analysis of the literature concerning student participation in educational decisionmaking. The educational and legal ramifications of student involvement in several decision-making spheres, such as school board and committee membership, student government, extracurricular activities, student publications, and

curriculum issues, are discussed. A 54-item bibliography of related literature is also included.

72-038 EA
Baas, Alan M. **Building Renovation and Modernization** *Educational Facilities Review Series, Number 4,* February 1972. 8p. (Literature Review) ED 061 573 RIE August 1972 MF-$0.65; HC-$3.29
Building Improvement, Building Innovation, Building Obsolescence, Educational Facilities, Literature Reviews
Reviewed is the literature previously announced in RIE that is concerned with the renovation and modernization of obsolescent school buildings. The bulk of the literature emphasizes the use of modular components for both support systems and unique learning environments. Topics covered include planning, modernization techniques, modification designs, cost estimates, space analysis, and mechanical systems.

72-039 EA
Buss, William G. **Legal Aspects of Crime Investigation in the Public Schools** *State-of-the-Knowledge Series, Number 11,* 1971. 80p. (State-of-the-Art Review) ED 056 404 RIE March 1972 MF-$0.65; HC-$3.29
Crime, Police Action, Police School Relationship, Search and Seizure, Student Rights
Summarized are the methods used to investigate and prevent crime in school, sketches possible legal claims that students might make as a result of these approaches to inschool crime prevention, and gives particular attention to the legal issues related to searches of student lockers by school law enforcement authorities.

72-040 EA
Forsberg, James R. **Accountability and Performance Contracting** *Analysis and Bibliography Series, Number 13,* October 1971. 15p. (Bibliography) ED 055 336 RIE February 1972 MF-$0.65; HC-$3.29
Educational Accountability, Literature Reviews, Management Systems, Measurement, Performance Contracts
Intended for both researchers and practitioners, this review analyzes literature on educational accountability and performance contracting. A 44-item bibliography of relevant literature is included.

72-041 EA
Johnson, Sharon C. **Flexible-Modular Scheduling** *Educational Management Review Series, Number 4,* March 1972. 10p. (Literature Review) ED 061 580 RIE August 1972 MF-$0.65; HC-$3.29
Flexible Scheduling, Flexible Schedules, Schedule Modules, Literature Reviews, School Schedules
Benefits derived from innovative scheduling techniques range across the entire spectrum of the educational experience, frequently providing for substantial change in the roles of students, teachers, and administrators. Under such a scheduling system, students can choose instruction individualized to meet their needs and teachers can assume greater participation in both curriculum planning and the development of new instructional methods. In addition, administrators can choose from multiple alternatives for organizing the school day and for managing time and space use in their schools.

72-042 EA
Johnson, Sharon C. **Vocational Education Facilities** *Educational Facilities Review Series, Number 5,* May 1972. 8p. (Literature Review) ED 063 618 RIE September 1972 MF-$0.65; HC-$3.29
Literature Reviews, Vocational Education, Industrial Education, Educational Facilities, Educational Specifications
Reviewed is the literature concerning vocational education facilities, including development of new approaches, educational specifications, and specialized program facilities.

72-043 EA
Johnson, Sharon C. **Year-Round Schools** *Educational Management Review Series, Number 6,* May 1972. 8p. (Literature Review) EA 004 258 RIE (unknown) MF-$0.65; HC-$3.29
Extended School Year, Year Round Schools, School Calendars, Quarter System, Curriculum Development
The literature concerning a variety of year-round school plans, including the quarter, quinmester, and 45-15 plans is reviewed.

72-044 EA
Peterson, LeRoy J. **Municipal Overburden** *State-of-the-Knowledge Series, Number 13,* August 1971. 32p. (State-of-the-Art Review) ED 053 446 RIE December 1971 MF-$0.65; HC-$3.29
Expenditures, Fiscal Capacity, Municipalities, School Support, State Federal Aid
The literature concerning the causes and the impact of municipal overburden on school support for essential school services is analyzed. Attempted corrective measures identified include adjustment of State educational support formulas, and action through local, State, and Federal levels of government.

72-045 EA
Piele, Philip K. **Building Maintenance** *Educational Facilities Review Series, Number 3,* January 1972. 8p. (Literature Review) ED 058 623 RIE May 1972 MF-$0.65; HC-$3.29
Administrative Problems, Educational Facilities, Literature Reviews, School Maintenance
Sophisticated heating, electrical sanitation, and recreational systems require more time and concern from school administrators than did their simpler counterparts in the past. The complicated training and workload scheduling of persons charged with actual maintenance operations also require more attention. During the past decade, a body of literature has grown to aid the bewildered administrator in confronting maintenance problems. The 19 documents examined in the review offer techniques for managing and maintaining a clean, safe, and pleasant school building.

72-046 EA
Piele, Philip K. **Computer Applications in Class and Transportation Scheduling** *Educational Management Review Series, Number 1,* October 1971. 8p. (Literature Review) ED 057 436 RIE April 1972 MF-$0.65; HC-$3.29
Bus Transportation, Computer Oriented Programs, Computer Science, Flexible Scheduling, School Schedules
This document shows how computer technology can aid educators in meeting demands for improved class scheduling and more efficient use of transportation resources. Several of the documents reviewed include detailed sample programs illustrating the techniques discussed.

72-047 EA
Piele, Philip K. **Conflict Management in Education** 1971. 4p. (Literature Review) ED 058 650 RIE May 1972 MF-$0.65; HC-$3.29
Conflict Resolution, Decision Making, Literature Reviews, School Community Relationship, Teacher Administrator Relationship
Conflict management is discussed in terms of dealing with the differing opinions, needs, and ideas that are a part of the contemporary school. The documents reviewed suggest such issues as (1) the conflicting perceptions of administrators and teachers, (2) the operational procedures of school boards in relation to community resources, and (3) the interracial conflict in urban schools.

72-048 EA
Piele, Philip K., ed.; Smith, Stuart C., ed. **Directory of Organizations and Personnel in Educational Management. Third Edition 1971-1972** December 1971. 71p. (Directory) ED 058 469 RIE May 1972 MF-$0.65; HC-$3.29
Directories, Educational Administration, Educational Facilities, Educational Researchers, Organizations (Groups)
Compiled as a tool for locating information about research in educational management, this new edition has been expanded both in the scope of its subject areas and in the number of organizations and researchers listed. The directory, with increased coverage of research on educational facilities, lists 154 organizations and 416 individuals. Extensive subject indexes are provided for both organizational and personnel sections.

72-049 EA
Piele, Philip K. **Educational Specifications** *Educational Facilities Review Series, Number 1,* December 1971. 8p. (Literature Review) ED 058 620 RIE May 1972 MF-$0.65; HC-$3.29
Architectural Elements, Educational Facilities, Educational Specifications, Facility Guidelines, Literature Reviews
This document reviews the literature on general specifications for elementary and secondary schools. Topics covered include the philosophical perspective required of facilities planners, individual-environment interaction, physical systems for heating and lighting, and new technological developments.

72-050 EA
Piele, Philip K. **Planning-Programming-Budgeting Systems** *Educational Management Review Series, Number 2,* January 1972. 8p. (Literature Review) ED 058 622 RIE May 1972 MF-$0.65; HC-$3.29
Educational Administration, Educational Planning, Literature Reviews, Systems Approach [Planning Programming Budgeting Systems]
This review surveys documents, previously announced in RIE, that are concerned with the (1) development of planning-programming-budgeting systems (PPBS) for educational planning, (2) models of PPBS implementation, (3) specific applications suitable for libraries, and (4) bibliographies available on the topic. PPBS decisionmaking models enable school administrators to identify objectives, delineate programs in order to achieve objectives, analyze alternatives, allocate resources over a period of time, and calculate costs and program effectiveness.

72-051 EA
Piele, Philip K. **The President's Commission on School Finance. ERIC/CEM Special Feature** *R & D Perspectives,* pp.5-10, Spring 1972. 6p. (Journal Article) ED 063 654 RIE September 1972 MF-$0.65; HC-$3.29
Educational Finance, State Aid, School Taxes, Urban Schools, Private Schools
Summarized are the recommendations of the President's Commission on School Finance and provided is an annotated listing of the 34 project reports.

72-052 EA
Piele, Philip K. **School Financial Education** *Educational Management Review Series, Number 3,* February 1972. 12p. (Literature Review) ED 058 649 RIE May 1972 MF-$0.65; HC-$3.29
Bond Issues, Educational Finance, School Budget Elections, School Community Relationship, Voting
This review surveys recent literature that reflects a wide variety of research techniques and methods. These writings, previously announced in RIE, should provide administrators with some insights into variables that affect the outcome of school financial elections. Divided into four major parts, the review includes literature that (1) deals with the factors affecting the success or failure of school bond elections, (2) describes some of the influences on voter behavior and the effects of school-community relations, and (3) provides guidelines for launching school finance campaigns.

72-053 EA
Piele, Philip K. **Use of Computers in Planning Higher Educational Facilities** *Educational Facilities Review Series, Number 2,* January 1972. 6p. (Literature Review) ED 058 621 RIE May 1972 MF-$0.65; HC-$3.29
Campus Planning, Computer Oriented Programs, Educational Facilities, Higher Education, Literature Reviews
Computers are being used with increasing frequency to plan campus design and evaluate the effectiveness of existing facilities. This review surveys documents, previously announced in RIE, that are concerned with the development, application, and evaluation of computer programs and simulation models designed to relate space and enrollment needs to less tangible aesthetic and social requirements.

72-054 EA

Templeton, Ian **Principal's Role in Collective Negotiation** *Educational Management Review Series, Number 5,* April 1972. 8p. (Literature Review) ED 062 688 RIE August 1972 MF-$0.65; HC-$3.29

Collective Negotiation, Principals, Administrator Role, Teacher Administrator Relationship, Negotiation Agreements

Reviewed is the principal's role in collective negotiation in light of the increased acceptance of the right of teachers and their representatives to negotiate directly with the board rather than through the principal. The literature cited discusses the ambivalence of the principal's role in collective negotiation, describes the management team concept as a possible solution to the problem, and provides both information on legislation and guidelines applicable to the principal's role.

72-055 EC

Administration *Exceptional Child Bibliography Series,* February 1971. 11p. (Annotated Bibliography) ED 051 591 RIE October 1971 MF-$0.65; HC-$3.29

Administration, Annotated Bibliographies, Bibliographies, Exceptional Child Education

Contained are 37 references relating to administrative concerns of special education. The bibliography cites research reports, conference papers, journal articles, texts, and program guides on such administrative topics as professional standards, evaluation methodology, program supervision, laws and regulations, program development, and teacher training. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry.

72-056 EC

Arts and Crafts *Exceptional Child Bibliography Series,* February 1971. 21p. (Annotated Bibliography) ED 050 525 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Art, Bibliographies, Exceptional Child Education, Handicrafts

Contained are 99 references in the area of arts and crafts. The following information is provided for each entry: bibliographic data, availability information, indexing and retrieval descriptors, and abstracts. Author and Subject indexes are also included.

72-057 EC

Audiovisual Instruction *Exceptional Child Bibliography Series,* February 1971. 24p. (Annotated Bibliography) ED 054 580 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Audiovisual Instruction, Bibliographies, Exceptional Child Education, Handicapped Children

Listed in the annotated bibliography are 98 references on audiovisual instruction, particularly as it relates to the instruction of handicapped and gifted children. Many of the references on audiovisual instruction deal with aurally handicapped or mentally handicapped students, specific audiovisual aids, research, films, programed instruction, and teaching methods using audiovisual materials, in addition to many other related topics. For all entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are an author index and a subject index.

72-058 EC

Aurally Handicapped--Programs *Exceptional Child Bibliography Series,* February 1971. 22p. (Annotated Bibliography) ED 052 568 RIE November 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Aurally Handicapped, Bibliographies, Exceptional Child Education, Program Descriptions

The bibliography contains 89 references dealing with programs for the aurally handicapped. Bibliographic Data, availability information, indexing and retrieval descriptors, and abstracts are given for all entries, which include texts, journal articles, program and curriculum guides, and other literature. Subject and author indexes are provided.

72-059 EC

Aurally Handicapped--Research *Exceptional Child Bibliography Series,* February 1971. 25p. (Annotated Bibliography) ED 052 569 RIE November 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Aurally Handicapped, Bibliographies, Exceptional Child Research, Research Projects

89 references, including research reports, texts, journal articles, and other research-related literature, are included in the bibliography on research concerning aurally handicapped children (both the deaf and the hard of hearing). The bibliography contains bibliographic data, availability information, indexing and retrieval terms, and abstracts for all entries.

72-060 EC

Autism *Exceptional Child Bibliography Series,* February 1971. 11p. (Annotated Bibliography) ED 050 523 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Autism, Bibliographies, Exceptional Child Education

This bibliography on autism contains 47 items including research reports, conference papers, journal articles, texts, and program guides. Each entry provides bibliographical data, availability information, indexing and retrieval descriptors, and abstracts of the documents.

72-061 EC

Behavior Modification *Exceptional Child Bibliography Series,* February 1971. 20p. (Annotated Bibliography) ED 050 528 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Behavior Change, Bibliographies, Exceptional Child Education

Cited are 81 references concerning behavior modification. The following information is provided for each entry: bibliographic data, availability information, indexing and retrieval descriptors and abstracts. Author and subject indexes are also provided.

72-062 EC

Cerebral Palsy *Exceptional Child Bibliography Series,* February 1971. 21p. (Annotated Bibliography) ED 054 572 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Cerebral Palsy, Exceptional Child Education

81 references are included in the annotated bibliography on cerebral palsy. For each listing, bibliographic and availability information, indexing and retrieval descriptors, and an abstract are included. The research reports, texts, journal articles, and other literature listed cover such aspects of cerebral palsy as agency role, associated handicaps, child development, clinical diagnosis, educational needs and programs, etiology, services available, language development, medical treatment, physical and speech therapy, and others. Both an author and a subject index are provided.

72-063 EC

Counseling and Psychotherapy *Exceptional Child Bibliography Series,* February 1971. 25p. (Annotated Bibliography) ED 052 573 RIE November 1971 MF-$0.65; HC-$3.29

Bibliographies, Counseling, Exceptional Child Education, Handicapped Children, Psychotherapy

Listed in the bibliography are 88 references concerning counseling particularly as it is employed with exceptional children, and psychotherapy (including group therapy) particularly in reference to emotionally disturbed children. Entries include research reports, journal articles, texts, and other publications. Each entry includes bibliographic data, availability information, indexing and retrieval descriptors, and an abstract. Also provided are an author index and a subject index.

72-064 EC

Curriculum Guides *Exceptional Child Bibliography Series,* February 1971. 24p. (Annotated Bibliography) ED 051 592 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Curriculum Guides, Exceptional Child Education

The bibliography cites curriculum guides primarily applicable to the education of the mentally handicapped, aurally handicapped, learning disabled, or gifted. Each entry contains bibliographic data, availability information, indexing and retrieval descriptors, and abstracts. Author and subject indexes are also provided.

72-065 EC

Diagnostic Teaching *Exceptional Child Bibliography Series,* February 1971. 19p. (Annotated Bibliography) ED 053 514 RIE December 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Diagnostic Teaching, Educational Diagnosis, Exceptional Child Education

66 references selected from Exceptional Child Education Abstracts are included in the annotated bibliography on diagnostic teaching. For each entry, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are included. Author and subject indexes are provided.

72-066 EC

Directories of Services and Facilities *Exceptional Child Bibliography Series,* February 1971. 13p. (Annotated Bibliography) ED 053 519 RIE December 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Directories, Exceptional Child Services, Handicapped Children, Services

Contained in the annotated bibliography are 50 references to directories of services and facilities for exceptional children. Covered are such services and facilities as clinics, camping programs, special classes and schools, day care programs, medical services, agencies, and residential programs. Bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given for each entry. Subject and author indexes to the bibliography are provided.

72-067 EC

Disadvantaged Youth *Exceptional Child Bibliography Series,* February 1971. 26p. (Annotated Bibliography) ED 054 577 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Disadvantaged Youth, Exceptional Child Education

Contained in the annotated bibliography are 101 references concerning disadvantaged youth. Covered are such major topics as cultural and economic disadvantagement, socioeconomic influences, early childhood education, environmental influences, teaching methods, learning disabilities, cognitive development, and language development as they relate to disadvantaged youth. Bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given for each entry. Subject and author indexes to the bibliography are provided.

72-068 EC

Drug Therapy *Exceptional Child Bibliography Series,* February 1971. 7p. (Annotated Bibliography) ED 050 522 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Drug Therapy, Exceptional Child Education

Listed are 31 items relating to drug therapy and cited are research reports, conference papers, journal articles, texts, and program guides. Each entry contains bibliographical data, availability information, indexing and retrieval descriptors, and abstract of the documents.

72-069 EC

Dyslexia *Exceptional Child Bibliography Series,* February 1971. 20p. (Annotated Bibliography) ED 054 579 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Dyslexia, Exceptional Child Education, Reading Difficulty

Contained in the annotated bibliography are 84 references to texts, journal articles, research reports, and teaching or program guides concerning dyslexia. Such topics as identification and educational diagnosis, research on dyslexia, lateral dominance and other neurological considerations, perception, reading difficulty, reading skills, remedial reading, and teaching methods are covered. For each of the references, bibliographic data, availability information indexing and retrieval descriptors, and an abstract are given. Author and subject indexes are provided.

72-070 EC
Educable Mentally Handicapped--Programs. *Exceptional Child Bibliography Series*, February 1971. 25p. (Annotated Bibliography) ED 052 565 RIE November 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Educable Mentally Handicapped, Exceptional Child Education, Program Descriptions

Contained are 100 references concerning programs for the educable mentally retarded. Bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are included for each entry. Entries include texts, journal articles, conference papers, and program guides. Author and subject indexes are provided.

72-071 EC
Educable Mentally Handicapped--Research *Exceptional Child Bibliography Series*, February 1971. 21p. (Annotated Bibliography) ED 052 566 RIE November 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Educable Mentally Handicapped, Exceptional Child Research, Research Projects

68 references are included in the bibliography on research dealing with the educable mentally retarded. For each research study, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are included. Author and subject indexes are provided.

72-072 EC
Emotionally Disturbed--Programs *Exceptional Child Bibliography Series*, February 1971. 23p. (Annotated Bibliography) ED 051 598 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Emotionally Disturbed, Exceptional Child Education

Listed are 80 references concerning education and home programing for emotionally disturbed children. Cited are texts for parents and teachers on topics such as occupational therapy, autism, behavior modification, programed instruction, curriculum development, identification and diagnosis, hyperactivity, and other aspects relevant to emotional disorders. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry, and author and subject indexes are included.

72-073 EC
Emotionally Distrubed--Research *Exceptional Child Bibliography Series*, February 1971. 20p. (Annotated Bibliography) ED 051 599 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Emotionally Disturbed, Exceptional Child Education

66 references on research studies of emotionally disturbed children are cited. References include research reports on behavior problems and modification, identification and diagnosis, program evaluation, schizophrenia, and other aspects of emotional disorders. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are included for each entry, and author and subject indexes are provided.

72-074 EC
Exceptional Children Conference Papers: Deaf-Blind, Language, and Behavior Problems April 1971. 104p. (Conference Report) ED 052 402 RIE November 1971 MF-$0.65; HC-$6.58

Deaf Blind, Aurally Handicapped, Exceptional Child Education, Language Handicapped, Language Programs

This collection includes 9 papers presented at the 49th Annual International CEC Convention held in Miami Beach, Florida in April 1971. 5 of the 9 papers in the compilation concern aurally handicapped and deaf-blind children. The remaining 4 papers treat language and behavior problems.

72-075 EC
Exceptional Children Conference Papers: Diagnostic and Resource Teaching April 1971. 105p. (Conference Report) ED 052 401 RIE November 1971 MF-$0.65; HC-$6.58

Exceptional Child Education, Diagnostic Teaching, Resource Teachers, Behavior Problems

Included are the 9 papers presented at the 49th Annual International CEC Convention in Miami Beach, Florida in April 1971. These papers deal with the impact of crisis-resource teaching on the Falls Church, Virginia public schools, the role and requirements of the diagnostic teacher, the effectiveness of resource rooms for children with specific learning disabilities, basic problems in diagnosis, an overview of school disruption, the intervention teacher and aide as contemporary educators for resolving and preventing school disruption and violence and such topics.

72-076 EC
Exceptional Children Conference Papers: Gifted and Developmental Potential in Women and the Disadvantaged April 1971. 39 p. (Conference Report) ED 052 403 RIE November 1971 MF-$0.65; HC-$3.29

Gifted, Disadvantaged Groups, Females, Exceptional Child Education, Discriminatory Attitudes (Social)

This collection contains 4 papers from the 49th CEC Annual International Convention held in Miami Beach, Florida in April 1971. A curriculum package designed for high potential students from low socioeconomic backgrounds; a decision of the barriers (social pressures and restrictions) faced by gifted girls while growing up which depress manifestations of their potential, and subtle and direct barriers baced by gifted women; and examination of whether professional women in education, especially at administrative, higher education, and supervisory levels, find their sex a barrier to advancement and equal opportunity; and a comparison of features necessary for special education programs, particularly for the gifted and retarded are included.

72-077 EC
Exceptional Children Conference Papers: Local, State, and Federal Programs April 1971. 69p. (Conference Report) ED 052 400 RIE November 1971 MF-$0.65; HC-$3.29

Handicapped Children, Exceptional Child Education, Program Descriptions

Contained are the 11 papers presented at the 49th Annual International CEC Convention held in Miami Beach, Florida in April 1971. Topics covered include a project for the development of accreditation standards for day care services for the mentally retarded, the cooperative implementation of vocational education programs for the handicapped in Maryland, influencing legislative decision-making and in-school workshop training program for retarded students, and the National Regional Resource Center of Pennsylvania, which serves the educational needs of handicapped children.

72-078 EC
Exceptional Children Conference Papers: Physical Handicap April 1971. 33p. (Conference Report) ED 052 397 RIE November 1971 MF-$0.65; HC-$3.29

Exceptional Child Education, Physically Handicapped, Special Health Problems

Included are the 4 papers presented at the CEC 49th Annual International Convention held in Miami Beach, Florida in April 1971. The papers focus on the physically handicapped child.

72-079 EC
Exceptional Children Conference Papers: Pre- and Inservice Teacher Preparation April 1971. 113p. (Conference Report) ED 052 399 RIE November 1971

Exceptional Child Education, Teacher Education, Inservice Teacher Education, Special Education Teachers, Handicapped Children

This collection includes 8 papers presented at the 49th Annual International CEC Convention held in Miami Beach, Florida in April 1971. The papers concerning pre and inservice teacher preparation, treat such topics as a behavioral approach to conducting and evaluating inservice training, the development and analysis of criterion in the evaluation of teacher preparation and certification, and group processes and personal interrelationships as they support humanistic education.

72-080 EC
Exceptional Child Conference Papers: Specific Subject Programs for EMRs and TMRs April 1971. 93p. (Conference Report) ED 052 396 RIE November 1971 MF-$0.65; HC-$3.29

Exceptional Child Education, Mentally Handicapped, Driver Education, Program Descriptions, Educable Mentally Handicapped

This report includes 8 papers from the CEC 49th Annual International Convention held in Miami Beach, Florida April 1971. These papers focus upon specific subject programs for educable and trainable mentally retarded (EMR and TMR) students. Three of the papers concern driver education and traffic safety education for EMR students.

72-081 EC
Exceptional Children Conference Papers: Trends and Issues in Special Education April 1971. 138p. (Conference Report) ED 052 398 RIE November 1971 MF-$0.65; HC-$6.58

Educational Trends, Exceptional Child Education, Handicapped Children

The first of 6 papers focuses upon child advocacy with emphasis on exceptional children. The second paper, addressed to students, explains how students with the assistance of the Council for Exceptional Children, can effect change within the existing structure. Also presented is information on special education in Toronto; a paper on Council for Exceptional Children (CEC) responses to the challenge of special education; a view of the federal government's interest and role in educating the handicapped; and a rebutal of criticisms of special education for the mentally retarded.

72-082 EC
Gifted and Creativity--Programs *Exceptional Child Bibliography Series*, February 1971. 22p. (Annotated Bibliography) ED 051 590 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Creativity, Exceptional Child Education, Gifted

The bibliography contains 81 references on the gifted and creativity. References include research reports, conference papers, journal articles, texts, and program guides. Bibliographic data, availability information, indexing and retrieval descriptors, abstracts, and author and subject indexes are also provided.

72-083 EC
Gifted and Creativity Research *Exceptional Child Bibliography Series*, February 1971. 21p. (Annotated Bibliography) ED 053 520 RIE December 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Creativity, Exceptional Child Research, Gifted

Contained in the annotated bibliography are 73 references to research dealing with creativity and gifted children. Research covers such aspects as academic achievement, cognitive processes, creative thinking, individual characteristics, personality, student attitudes, teaching methods, testing, and program evaluation. For each of the entries, bibliographic data, availability information, indexing and retrieval descriptors, and a abstract are given. Also provided are author and subject indexes.

72-084 EC
Homebound or Hospitalized *Exceptional Child Bibliography Series*, February 1971. 12p. (Annotated Bibliography) ED 050 527 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Homebound, Hospitalized Children

Containing 43 references, the bibliography cites research reports, conference papers, journal articles, texts, and program guides relating to homebound or hospitalized children. The document includes bibliographical data, availability information, indexing and retrieval descriptors, and abstracts for each entry. Author and subject indexes are also provided.

72-085 EC
Hyperactivity *Exceptional Child Bibliography Series*, February 1971. 6p. (Annotated Bibliography) ED 050 521 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Emotionally Distrubed, Exceptional Child Education, Hyperactivity

Containing 27 references on hyperactivity, the bibliography cites research reports, conference papers, journal articles, texts, and program guides. Each entry provides bibliographical data, availability information, indexing and retrieval descriptors, and abstracts of the documents.

72-086 EC

IMC/RMC Network Professional Film Collection 1971. 34p. (Bibliography) ED 054 584 RIE January 1972 MF-$0.65; HC-$3.29

Exceptional Child Education, Films, Handicapped Children, Resource Guides

The compilation is a comprehensive listing of films available for the centers in the Instructional Materials Centers/Regional Media Centers (IMC/RMC) Network. A brief description of each film is provided which includes such information as the subject and scope of the film, length, color or black and white, address of distributor, and price.

72-087 EC

Instructional Materials *Exceptional Child Bibliography Series*, February 1971. 11p. (Annotated Bibliography) ED 053 518 RIE December 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Handicapped Children, Instructional Materials

References pertaining to instructional materials for both handicapped and gifted children are listed in the annotated bibliography. For each of the 43 entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes.

72-088 EC

Invisible College Conference on Early Childhood Education and the Exceptional Child March 1972. Cassette tape package (5 cassettes; 60 minutes). Cassette package is available from the Council for exceptional Children, Jefferson Plaza, Suite 900, 1411 South Jefferson Davis Highway, Arlington, Virginia 22202 ($75.00)

Exceptional Child Education, Handicapped Children, Early Childhood Education, Conference Reports, Audiovisual Aids, Preschool Children

This five cassette tape package gives the highlights of the presentations of the Invisible College on Early Childhood Education conducted in January 1972. Excerpts are presented from the taped presentations, and visuals are included as supplements.

72-089 EC

Juvenile Delinquency *Exceptional Child Bibliography Series*, February 1971. 13p. (Annotated Bibliography) ED 054 571 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Delinquency, Delinquents, Exceptional Child Education

The annotated bibliography contains 43 references dealing with juvenile delinquency. References include texts, journal articles, and research reports dealing with such topics as delinquency causes, delinquency prevention, rehabilitation, behavior problems; identification, emotional disturbance, socially deviant behavior, psychotherapy, behavior change, counseling, and others. For each entry, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes.

72-090 EC

Learning Disabilities--Programs *Exceptional Child Bibliography Series*, February 1971. 25p. (Annotated Bibliography) ED 051 596 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Learning Disabilities

96 references concerning programming for children with learning disabilities are cited. References include conference papers, journal articles, texts for parents and teachers, and program guides, and provide bibliographic data, availability information, indexing and retrieval descriptors, and abstracts. Author and subject indexes are also provided.

72-091 EC

Learning Disabilities--Research *Exceptional Child Bibliography Series*, February 1971. 18p. (Annotated Bibliography) ED 051 597 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Learning Disabilities

The bibliography contains 57 references on research studies relating to learning disabilities. The bibliography cites research reports concerning testing, program evaluation, learning characteristics and processes, teaching methods, behavior modification, and other topics relevant to the learning disabled child. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry. Author and subject indexes are included.

72-092 EC

Let's Try Doing Something Else Kind of Thing--Precision Teaching March 1972. 20 Minute sound filmstrip. Filmstrip is available from Council for Exceptional Children, Jefferson Plaza, Suite 900, 1411 South Jefferson Davis Highway, Arlington, Virginia 22202 ($20.00)

Exceptional Child Education, Academic Achievement, Behavior Change, Filmstrips, Precision Teaching, Handicapped Children

Ann Starling describes the principles of precision teaching as they are illustrated by the action of first graders in the filmstrip.

72-093 EC

Mental Health *Exceptional Child Bibliography Series*, February 1971. 18p. (Annotated Bibliography) ED 054 578 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Emotionally Disturbed, Exceptional Child Services, Mental Health

Contained in the annotated bibliography are 66 references to documents on mental health, especially as it is related to children with emotional disturbances or other handicaps, community programs, mental health clinics and programs, prevention, psychiatric services, and other services. For each of the entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes.

72-094 EC

Minority Groups *Exceptional Child Bibliography Series*, February 1971. 20p. (Annotated Bibliography) ED 054 575 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Disadvantaged Youth, Exceptional Child Education, Minority Groups

76 references are included in the annotated bibliography dealing with minority groups, particularly the education of children from minority groups. Entries include texts, journal articles, and many research reports. Some of the major topics covered by the documents are American Indians, Mexican Americans, Negro youth, ethnic groups, cultural disadvantagement, socioeconomic disadvantagement, educational needs, environmental influences, intelligence, mental retardation, and teaching methods. The bibliography contains bibliographic data, availability information, indexing and retrieval descriptors, and abstracts for all entries. Author and subject indexes are provided.

72-095 EC

Mongolism *Exceptional Child Bibliography Series*, February 1971. 12p. (Annotated Bibliography) ED 050 524 RIE September 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Mongolism

Containing 53 references, the bibliography cites research reports, conference papers, journal articles, texts, and program guides in the area of mongolism. The document includes bibliographical data, availability information, indexing and retrieval descriptors, and abstracts for each reference.

72-096 EC

Multiply Handicapped *Exceptional Child Bibliography Series*, February 1971. 14p. (Annotated Bibliography) ED 051 595 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Multiply Handicapped

Contained are 52 references concerning various types of multiply handicapped children. Cited are research reports, conference papers, journal articles, texts, and program guides, and provides bibliographic data, availability information, indexing and retrieval descriptors, and abstracts. Author and subject indexes are included.

72-097 EC

Parent Counseling *Exceptional Child Bibliography Series*, February 1971. 20p. (Annotated Bibliography) ED 054 573 RIE January 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Counseling, Exceptional Child Services, Parent Counseling

The annotated bibliography contains 76 references dealing with the counseling of parents of exceptional children. Ranging across all handicapping conditions, physical and mental, and giftedness, the references treat such aspects of parent counseling as child rearing principles, family relationship, family counseling, group therapy, parent attitudes, parent role, parent-child relationship, and others. Entries include texts, journal articles, research reports, and other literature.

72-098 EC

Parent Education *Exceptional Child Bibliography Series*, February 1971. 20p. (Annotated Bibliography) ED 053 513 RIE December 1971 MF-$0.65; HC-$3.29

Handicapped Children, Parent Education, Parent Role, Annotated Bibliographies, Exceptional Child Education

This bibliography, relating to handicapped and gifted children, contains 92 references. Manuals, guides, presentations of suggested activities and child rearing techniques, and other such informative documents addressed to parents or concerned with the role of parents of exceptional children are included. Bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given for each entry. Author and subject indexes are provided.

72-099 EC

Perceptual-Motor Development *Exceptional Child Bibliography Series*, February 1971. 23p. (Annotated Bibliography) ED 052 574 RIE November 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Motor Development, Perceptual Motor Coordination, Perceptual Motor Learning

This bibliography, dealing with handicapped and gifted children, contains 96 references concerning perceptual-motor development and learning. Entires include research reports, texts, journal articles, and other types of literature. Given are bibliographic data, availability information, indexing and retrieval terms, and abstracts for all entires. Also provided are author and subject indexes.

72-100 EC

Physical Education and Recreation *Exceptional Child Bibliography Series*, February 1971. 19p. (Annotated Bibliography) ED 051 593 RIE October 1971 MF-$0.65; HC-$3.29

Annotated Bibliographies, Bibliographies, Exceptional Child Education, Physical Education, Recreation

Contained are 73 references on physical education and recreation. References include research reports, conference papers, journal articles, texts, and program guides. Bibliographic data, availability information, indexing and retrieval descriptors, abstracts, and author and subject indexes are also provided.

72-101 EC
Physical Facilities *Exceptional Child Bibliography Series*, February 1971. 22p. (Annotated Bibliography) ED 053 516 RIE December 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Educational Facilities, Exceptional Child Education, Handicapped Children, Physical Facilities
The annotated bibliography contains 91 references dealing with physical facilities, educational or institutional, for exceptional children. The entires, which include texts, journal articles, research reports, program guides, and other literature, treat such topics as environmental influences, acoustics, architectural programing, building design, classroom arrangement, design needs, lighting, sanitary facilities, and space utilization. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are given for all entires. Subject and author indexes are provided.

72-102 EC
Physically Handicapped and Special Health Problems *Exceptional Child Bibliography Series*, February 1971. 21p. (Annotated Bibliography) ED 052 572 RIE November 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Physically Handicapped, Special Health Problems
Contained in the bibliography are 77 references to texts, journal articles, program guides, research and medical reports, and other literature on physically handicapped children and children with other special health problems. For each of the references, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes.

72-103 EC
Preschool and Early Childhood *Exceptional Child Bibliography Series*, February 1971. 19p. (Annotated Bibliography) ED 050 526 RIE September 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Early Childhood Education, Exceptional Child Education, Preschool Children
Cited are 67 items relating to preschool and early childhood. Bibliographical data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry. The bibliography contains references on research reports, conference papers, journal articles, texts, and program guides. Author and subject indexes are also included.

72-104 EC
Professional Education *Exceptional Child Bibliography Series*, February 1971. 24p. (Annotated Bibliography) ED 053 517 RIE February 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Professional Education, Teacher Education
100 references are included in the annotated bibliography dealing with the education and training of both teachers and other professionals who are concerned with exceptional children, both handicapped and gifted. Entries include texts, journal articles, research reports, and other literature. The bibliography, contains bibliographic data, availability information, indexing and retrieval descriptors, and abstracts for all entries. Author and subject indexes are provided.

72-105 EC
Programed Instruction *Exceptional Child Bibliography Series*, February 1971. 2p. (Annotated Bibliography) ED 054 581 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Handicapped Children, Programed Instruction
72 references are included in this annotated bibliography on programed instruction. Given for all entries, which include texts, journal articles, and many research reports, are bibliographic data, availability information, indexing and retrieval descriptors, and an abstract. Author and subject indexes to the bibliography are provided.

72-106 EC
Reading Methods and Problems *Exceptional Child Bibliography Series*, February 1971. 15p. (Annotated Bibliography) ED 051 594 RIE October 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Reading Difficulty, Remedial Reading
Cited are 57 references relating to reading methods and problems applicable to handicapped children. Cited are research reports, conference papers, journal articles, texts, and program guides on such topics as diagnosis of remediation, dyslexia, skill development, perpetual handicaps, and instructional materials. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry. Author and subject indexes are also included.

72-107 EC
Regular Class Placement/Special Classes *Exceptional Child Bibliography Series*, February 1971. 15p. (Annotated Bibliography) ED 052 567 RIE November 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Regular Class Placement, Special Classes
Cited are 56 references dealing with the issue of regular or special class placement for exceptional children. Entries include texts, journal articles, conference papers, research reports, and other literature. Given are bibliographic data, availability information, indexing and retrieval descriptors, and an abstract for each entry. Both an author and a subject index are included.

72-108 EC
A Selected Guide to Public Agencies Concerned with Exceptional Children June 1971. 10p. (Directory) ED 054 583 RIE January 1972 MF-$0.65; HC-$3.29
Agencies, Directories, Exceptional Child Services, Handicapped Children, National Organizations
The annotated directory of national associations, organizations, and agencies whose services relate to both handicapped and gifted children contains 89 entries, listed alphabetically. Following the name, address, and phone number (where available) of each organization, a descriptive paragraph summarizes its purpose, membership requirements, publications, sponsorship of conferences, and affiliations with local chapters. The guide is intended as a useful resource for educators and parents seeking needed information and service.

72-109 EC
Slow Learners *Exceptional Child Bibliography Series*, February 1971. 21p. (Annotated Bibliography) ED 054 574 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Slow Learners
The annotated bibliography contains 83 references dealing with slow learners. The entries, which include journal articles, texts, research reports, curriculum guides, and teaching guides, treat such topics as the following, as they relate to slow learners: academic achievement, curriculum, disadvantaged youth, educable (mildly) mentally retarded, ability grouping, instructional materials, motivation, giftedness and underachievement, subject matter, vocational education, and teaching methods. Bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are provided for each entry.

72-110 EC
Speech Handicapped--Programs *Exceptional Child Bibliography Series*, February 1971. 14p. (Annotated Bibliography) ED 052 570 RIE November 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Program Descriptions, Speech Handicapped
References pertaining to instructional programs and therapy for speech handicapped children are listed in the bibliography. For each of the 49 entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes. References include manuals, program and curriculum guides, texts, journal articles, conference papers, and other publications.

72-111 EC
Speech Handicapped--Research *Exceptional Child Bibliography Series*, February 1971. 24p. (Annotated Bibliography) ED 052 571 RIE November 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Research, Speech Handicapped
Listed are 100 references pertaining to research with speech handicapped children. Bibliographic data, availability information, indexing and retrieval terms, and abstracts are given for all entries, which include research reports, texts, journal articles, experimental program descriptions, and other research-related literature. Subject and author indexes to the bibliography are provided.

72-112 EC
Teacher Aids and Nonprofessional Personnel *Exceptional Child Bibliography Series*, February 1971. 20p. (Annotated Bibliography) ED 054 576 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Nonprofessional Personnel, Teacher Aides
References pertaining to teacher aides and nonprofessional personnel (in schools, institutions, or elsewhere) as they relate to handicapped children are listed in the annotated bibliography. For each of the 85 entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes. References include texts, journal articles, research reports, program guidelines and other literature.

72-113 EC
Trainable Mentally Handicapped--Programs *Exceptional Child Bibliography Series*, February 1971. 15p. (Annotated Bibliography) ED 053 521 RIE December 1971 MF-$0.65; HC-$3.29
Bibliographies, Annotated Bibliographies, Exceptional Child Education, Trainable Mentally Handicapped
Contained in the annotated bibliography are 58 references to texts, journal articles, program and curriculum guides, teaching guides, and other literature related to programs for trainable mentally retarded children. Such topics as curriculum, instructional materials, language development, program planning, self care skills, teaching methods, vocational education, and many others are covered. For each of the references, bibliographic data, availability information, indexing and retrieval information, and an abstract are given. Author and subject indexes are provided.

72-114 EC
Trainable Mentally Handicapped--Research *Exceptional Child Bibliography Series*, February 1971. 21p. (Annotated Bibliography) ED 053 522 RIE December 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Custodial Mentally Handicapped, Exceptional Child Research, Trainable Mentally Handicapped
Listed in the annotated bibliography are 78 references to research dealing with the trainable and custodial mentally retarded. The research treats such subjects as behavior modification, use of reinforcement and operant conditioning, teaching methods, testing and various aspects of child development. For all entries, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are an author index and a subject index.

72-115 EC
Visually Handicapped--Programs *Exceptional Child Bibliography Series*, February 1971. 15p. (Annotated Bibliography) ED 051 600 RIE October 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Visually Handicapped
Contained are 53 references concerning educational and home programing for visually handicapped children. The bibliography cites texts for parents and teachers on topics such as mobility and orientation, programed instruction, legal considerations, physical education, career planning, recreation, and other topics relevant to the blind. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are provided for each entry, and a author and subject indexes are included.

72-116 EC
Visually Handicapped--Research *Exceptional Child Bibliography Series*, February 1971. 22p. (Annotated Bibliography) ED 051 601 RIE October 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Bibliographies, Exceptional Child Education, Research Projects, Research Reviews (Publications), Visually Handicapped
Cited are 81 references on research studies of visually handicapped children. References include research reports on screening and identification, listening abilities, visually impairment. Bibliographic data, availability information, indexing and retrieval descriptors, and abstracts are included for each entry, and author and subject indexes are provided.

72-117 EC
Vocational Training *Exceptional Child Bibliography Series*, February 1971. 25p. (Annotated Bibliography) ED 053 515 RIE December 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Exceptional Child Education, Handicapped Children, Vocational Education, Vocational Rehabilitation
The annotated bibliography contains 88 references dealing with vocational education and vocational rehabilitation, including such topics as prevocational preparation, work-study programs, sheltered workshops, job placement, and others. Entries include texts, journal articles, curriculum guides, research reports, and other literature. Given are bibliographic data, availability information, indexing and retrieval descriptors, and an abstract for each entry. Both an author and a subject index are included.

72-118 EC
What Behavior Research Says to the Classroom Teacher: An Interview with Richard E. Shores *Teaching Exceptional Children*, v4 n3, Summer 1972. 8p. (Journal Article)
Exceptional Child Research, Operant Conditioning, Behavior Change, Reinforcement, Behavior Problems, Handicapped Children, Discipline Problems
The ways in which the classroom environment can affect the behavior of children are described.

72-119 EC
Allen, K. Eileen **Behavior Modification: What Teachers of Young Exceptional Children Can Do** *Teaching Exceptional Children*, v4 n3, Spring 1972. (Journal Article)
Exceptional Child Education, Behavior Problems, Early Childhood, Teacher Education, Behavior Change, Learning Disabilities
Presented are descriptions of how behavior modification can be used in early childhood to overcome behavior disorders and learning disabilities.

72-120 EC
Auxter, David M. **Evaluation of Perceptual Motor Training Programs** *Teaching Exceptional Children*, v4 n2, pp.89-97. 9pp (Journal Article)
Exceptional Child Education, Perceptually Handicapped, Perceptual Motor Coordination, Program Evaluation, Learning Disabilities, Education Needs
Guidelines are provided for the selection of gross perceptual motor training programs and their effectiveness in fulfilling various needs of children. All elements of program assessment are important, and it appears that if one of these elements is largely missing, there may be considerable detriment to the value of the program.

72-121 EC
Balmer, JoAnn **Project Tutor--Look! I Can Do Something Good!** *Teaching Exceptional Children*, v4 n4, Summer 1972. 6p. (Journal Article)
Exceptional Child Education, Underachievers, Peer Relationship, Intermediate Grades, Tutoring, Handicapped Children, Self Concept
A description is provided of how one school staff helped to improve the self-concept of fourth, fifth and sixth graders and of handicapped children through a peer tutoring program.

72-122 EC
Barker, Elaine **CEC ERIC's The Now Way to Know: Current and Significant: ENCOR--A Community's Alternative to Institutionalization** *Education and Training of the Mentally Retarded*, v6 n4, pp185-190, December 1971. 6p. (Journal Article)
Mentally Handicapped, Community Programs, Placement, Community Services
Included is a description of the program of the Eastern Nebraska Community Office of Retardation which is attempting normalization of the retarded person into the community rather than resorting to institutionalization.

72-123 EC
Bloch, Judith **Nonverbal Messages--A Means to Verbalization** *Teaching Exceptional Children*, v4 n1, pp.10-17, Fall 1971. 8p. (Journal Article)
Exceptional Child Education, Special Classes, Language Development, Language Instruction
The story of an 8 year old boy and the therapeutic nursery-kindergarten program through which he acquired language skills are discussed in this article.

72-124 EC
Bloom, Barbara; And Others **New Instructional Program Teaches Personal Property Concept to Trainable Children** *Teaching Exceptional Children*, v3 n4, pp.194-200, Summer 1971. 7p. (Journal Article)
Exceptional Child Education, Mentally Handicapped, Trainable Mentally Handicapped, Socialization, Teaching Methods
A new teaching package, developed by the University of Wisconsin SEIMC, which teaches children the concept of "belongs to" is described.

72-125 EC
Blum, Evelyn R. **Fitting In** *Teaching Exceptional Children*, v3 n4, pp.172-180, Summer 1971. 9p. (Journal Article)
Exceptional Child Education, Regular Class Placement, Peer Acceptance, Behavior Change
How two students adjust to regular class placement and gain peer acceptance by successfully using behavior modification techniques on their classmates is described.

72-126 EC
Brown, Lou; And Others **Trainable Pupils Learn to Teach Each Other** *Teaching Exceptional Children*, v4 n1, pp.18-24, Fall 1971. 7p. (Journal Article)
Exceptional Child Education, Mentally Handicapped, Trainable Mentally Handicapped, Peer Groups, Tutoring
In the 5-part program described, trainable students teach each other to label words and become active participants in the undertaking.

72-127 EC
Collings, Gary **Field Trips = Planning + Learning + Fun** *Teaching Exceptional Children*, v4 n4, Summer 1972. 6p. (Journal Article)
Exceptional Child Education, Program Planning, Field Trips, Outdoor Education, Mentally Handicapped, Primary Grades
Techniques for planning a successful field trip as a complement to the academic program are described.

72-128 EC
Dailey, Rebecca F. **CEC ERIC's The Now Way to Know: ME NOW--Life Sciences for the Mentally Retarded** *Education and Training of the Mentally Retarded*, v6 n3, pp127-131, October 1971. 5p. (Journal Article)
Exceptional Child Education, Mentally Handicapped, Educable Mentally Handicapped, Sciences, Curriculum Development
Described is a life science program developed for educable mentally retarded students ages 10-14 by the Biological Sciences Curriculum Study (BSCS).

72-129 EC
Dailey, Rebecca F. **Media in the Round--Learning in the Special Experience Room** *Teaching Exceptional Children*, v4 n1, pp.4-9, Fall 1971. 6p. (Journal Article)
Media Technology, Instructional Media, Sensory Experience, Perceptual Motor Learning
Described is an unusual school's Special Experience Room where children can be surrounded by the sights, sounds, and smells of inaccessible experiences. In addition, the room can be used to help develop perceptual motor abilities.

72-130 EC
Dailey, Rebecca; And Others **Thesaurus for Exceptional Child Education. Second Edition** July 1971. 15p. (Thesaurus) ED 052 554 RIE November 1971 MF-$0.65; HC-$3.29
Exceptional Child Education, Indexing, Subject Index Terms, Thesauri
Listed are terms relevant to the indexing of professional materials in the field of exceptional child education. Entries are approved descriptors appearing in the "Thesaurus of ERIC Descriptors" used by the Educational Resources Information Center (ERIC) Clearinghouses, and were selected on the basis of particular need to the Clearinghouse on Exceptional Children. (First edition to thesaurus entered as ED 042 320 RIE January 1971).

72-131 EC
Dailey, Rebecca; And Others **Thesaurus for Special Education Instructional Materials** July 1971. 12p. (Thesaurus) ED 052 553 RIE November 1971 MF-$0.65; HC-$3.29
Exceptional Child Education, Indexing, Instructional Materials, Subject Index Terms, Thesauri
The thesaurus is intended as a preliminary standardization and clarification of terms used to index special education instructional materials throughout the Special Education Instructional Materials Centers/Regional Media Centers (IMC/RMC) Network. Over 400 indexing terms are included. Related terms are cross referenced and selective usage notes are provided.

72-132 EC
Dailey, Rebecca F. **Workshops That Work: SEIMC/RMC Inservice Training** *Teaching Exceptional Children*, v4 n2, pp.71-73, Winter 1972. 3p. (Journal Article)
Exceptional Child Education, Gifted, Instructional Materials Centers, Conference Reports, Inservice Teacher Education, Workshops, Handicapped Children
Numerous sessions related to inservice teacher training which were held at the 50th Annual International CEC Convention in March 1972, in Washington, D.C. are described. Teachers become teacher trainers by combining new workshop techniques with their own experiences and know-how.

72-133 EC
Deno, Evelyn **Special Education Delivery: The Need for Reform** January 1972. 15p. (Paper) ED 058 677 RIE May 1972 MF-$0.65; HC-$3.29
Exceptional Child Education, Educational Needs, Handicapped Children, Educational Objectives
The nine recommendations of some of the reforms needed in special education concern state role, cross categorical orientation, use of Federal funds, program evaluation, and other program features. It is concluded that, if action is not taken, instructional practices of demonstrated inefficiency will be perpetuated and resources will be wasted.

72-134 EC
Evans, Joyce S. **Classroom Planning for Young Special Children** *Teaching Exceptional Children*, v4 n2, pp.56-61, Winter 1972. 6p. (Journal Article)
Exceptional Child Education, Classroom Environment, Classroom Arrangement, Handicapped Children, Class Management
Organizer, architect, decorator--are all roles of the classroom teacher who carefully plans the educational setting in which her students actively participate. Classrooms for young children with special problems can be divided into quiet, semi-quiet and noisy areas which are conducive to learning.

72-135 EC
Frank, Alan R.; Holsten, Gretchen **Banking on Rewards** *Teaching Exceptional Children*, v4 n2, pp.62-65, Winter 1972. 4p. (Journal Article)
Exceptional Child Education, Teaching Methods, Positive Reinforcement, Money Management, Behavior Change, Operant Conditioning
Special education programs for secondary age educable mentally retarded students typically stress practical skills. One skill which is of considerable importance to these students is the ability to use their money wisely. A major facet of efficient use of money is banking. In order to help students understand banking, it is important to present these concepts in a concrete and

meaningful manner. This article suggests one such concrete method of presenting banking concepts to secondary age mentally retarded children.

72-136 EC
Gallagher, James J. **The Search for the Educational System That Doesn't Exist** January 1972. 11p. (Paper) ED 057 550 RIE April 1972 MF-$0.65; HC-$3.29
Exceptional Child Education, Educational Trends, Educational Philosophy, Handicapped Children, Educational Needs
The author critically analyzes the current American educational system and philosophy, with emphasis on educational needs of handicapped children. System elements thought to be needed in the field of special education are discussed such as, planning and evaluation on a national level, improved training of special educators, more sustained research and development, educational communication centers and demonstration centers for materials and methods.

72-137 EC
Glassman, Lynne, comp.; Erickson, Donald, comp. **A Selected Guide to Government Agencies Concerned with Exceptional Children** 1971. 18p. (Directory) ED 054 582 RIE January 1972 MF-$0.65; HC-$3.29
Directories, Exceptional Child Services, Federal Program, Handicapped Children
The compilation of information on government agencies concerned with exceptional children is based on data available as of April 1971. Intended as a resource guide for persons involved in activities for the handicapped, the directory provides basic information on a broad spectrum of government programs. In addition to names, addresses, and phone numbers of each center or project, brief narrative descriptions of each type of government agency service or program are included in the guide.

72-138 EC
Jordan, June B. **CEC ERIC's The Now Way to Know: Current and Significant: The Curriculum R & D Center in Mental Retardation** *Education and Training of the Mentally Retarded*, v6 n2, pp.85-87, April 1971. 3p. (Journal Article)
Exceptional Child Research, Mentally Handicapped, Research and Development Centers, Curriculum Development, Facilities
A description is given of the Curriculum research and Development Center in Mental Retardation at Yeshiva University which is attempting to improve educational programs for retarded children in special classes, regular classes, and in tutorial settings.

72-139 EC
Jordan, June B.; Dailey, Rebecca F. **CEC ERIC's The Now Way to Know: Current Thoughts and Actions Concerning the Retarded Student** *Education and Training of the Mentally Retarded*, v7 n1, pp.60-63, February 1972. 3p. (Journal Article)
Exceptional Child Education, Handicapped Children, State Programs, State Surveys, Departments of Education, Mentally Handicapped, Telephone Instruction
Included are 2 previews: one an advance analysis from the Dimensions II report and the other a look at AT&T's current efforts in developing instructional materials for teaching the use of the telephone to special class children.

72-140 EC
Jordan, June B.; Dailey, Rebecca F. **CEC ERIC's The Now Way to Know** *Education and Training of the Mentally Retarded*, v7 n1, February 1972. 3p. (Journal Column)
Exceptional Child Research, Special Classes, Mentally Handicapped, Telephone Instruction, Instructional Materials
This column gives two previews--one an advance analysis of telephone interviews and the other a brief look at materials for special class use.

72-141 EC
Jordan, June B., ed.; Robbins, Lynn S., ed. **Let's Try Doing Something Else Kind of Thing--Behavioral Principles and the Exceptional Child** March 1972. 144p. (Monograph) ED 060 581 RIE July 1972 MF-$0.65; HC-$6.58
Exceptional Child Education, Teaching Methods, Behavior Change, Rating Scales, Charts, Precision Teaching, Handicapped Children
The document, intended to convey some practical application of behavior principles to teachers and teacher educators involved with exceptional children, is a synthesis of the 12 presentations from the CEC Invisible College on the Application of Behavioral Principles in Exceptional Child Education (March 25-26, 1971). Some specific topics included are: the history and development of precision teaching, students' individualized curricula, the setting of aims, behavior modification applied to speech therapy, and implications of the behavioral approach for the education of the gifted.

72-142 EC
Knight, John J. **Teacher Produced Slides Aid Reading for Low Vision Children** *Teaching Exceptional Children*, v3 n4, pp.202-208, Summer 1971. 7p. (Journal Article)
Exceptional Child Education, Visually Handicapped, Partially Sighted, Instructional Materials, Reading, Teacher Developed Materials
This article suggests that an automatic programed teaching machine can be created with a reflection box, a slide projector, and tape recorder. Slide-making is described by means of a step-by-step illustrated instruction list.

72-143 EC
Luchow, Jed P. **Selecting Picture Storybooks for Young Children with Learning Disabilities** *Teaching Exceptional Children*, v4 n4, Summer 1972. 6p. (Journal Article)
Exceptional Child Education, Early Childhood, Learning Disabilities, Story Telling, Childrens Books
The content and illustration factors which are important in selecting picture storybooks for young learning disabled children are presented.

72-144 EC
McDonald, Phyllis L., ed. **Kaleidoscope: Emerging Patterns in Media. Highlights of the December 1970 CEC San Antonio Conference** May 1971. 62p. (Monograph) ED 055 403 RIE February 1972 MF-$0.65; HC-$3.29
Exceptional Child Education, Handicapped Children, Instructional Media
This is a report of the December 1970 San Antonio conference on Instructional Technology in the Education of Exceptional Children. The monography describes classroom applications of instructional technology, how to plan for change in education using instructional technology, and teacher training packages.

72-145 EC
Miley, Betty **Come Up to the Mountains Some Fine Day!** *Teaching Exceptional Children*, v4 n4, Summer 1972. 5p. (Journal Article)
Exceptional Child Education, Educable Mentally Handicapped, Field Trips, Outdoor Education, Enrichment Activities, Mentally Handicapped, Sensory Experience
Described in this journal article is the creativity which was stimulated in the classroom upon returning from a field trip.

72-146 EC
Morsink, Catherine **Activities to Develop Readiness for Auditory Discrimination** *Teaching Exceptional Children*, v4 n2, pp.81-88, Winter 1972. 8p. (Journal Article)
Exceptional Child Education, Auditory Training, Guidelines, Auditory Perception, Aurally Handicapped
Various activities which can be used to help children develop auditory discrimination are pinpointed. These procedures have been found helpful in establishing readiness for a carefully sequenced program in letter-sound discrimination.

72-147 EC
Murphy, Harry; Delmonte, Orlene **Snapping Pictures for Communication Skills** *Teaching Exceptional Children*, v3 n4, pp.169-171, Summer 1971. 3p. (Journal Article)
Exceptional Child Education, Aurally Handicapped, Early Childhood Education, Language Instruction, Instructional Materials [Polaroid Cameras]
How preschool deaf children discover that their polaroid cameras can make homework fun and language learning easier is described.

72-148 EC
Neeley, Edna **Cars Motivate Nonreaders? Of Course!** *Teaching Exceptional Children*, v4 n3, Spring 1972. 3p. (Journal Article)
Exceptional Child Education, Reading, Adolescents, Reading Skills, Motivation, Handicapped Children
Teachers can improve reading skills and motivate teenage nonreaders by capitalizing on their interest in cars.

72-149 EC
Oldsen, Carl F., ed. **Exceptional Child Education Abstracts. Volume 3, Number 2** August 1971. 159p. (Abstract Journal) HC-available from the Council for Exceptional Children, Jefferson Plaza, Suite 900, 1411 South Jefferson Davis Highway, Arlington, Virginia 22202 ($50.00 for institutional subscriptions, published four times a year).
Exceptional Child Education, Exceptional Child Research, Handicapped Children, Gifted, Abstracts, Periodicals
"Exceptional Child Education Abstracts" provides comprehensive abstract coverage of important publications in the field of special education. It is intended for persons working or studying in any field involving the education of the handicapped or gifted, and those engaged in publishing, research and writing of surveys. Coverage includes research reports, journal articles, curriculum guides, teachers' activity manuals, administrative surveys and guidelines, and texts for both professionals and beginning students. The publication includes ERIC (Educational Resources Information Center) abstracts on the handicapped and gifted.

72-150 EC
Oldsen, Carl F., ed. **Exceptional Child Education Abstracts. Volume 3, Number 3** November 1971. 178p. (Abstract Journal) HC-available from the Council for Exceptional Children, Jefferson Davis Highway, Arlington, Virginia 22202 ($50.00 for institutional subscriptions, published four times a year)
Exceptional Child Education, Exceptional Child Research, Handicapped Children, Gifted, Abstracts, Periodicals
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72-151 EC
Oldsen, Carl F., ed.; And Others **Exceptional Child Education Abstracts, Volume 3, Number 4** February 1972. 199p. (Abstract Journal) HC-available from the Council for Exceptional Children, Jefferson Plaza, Suite 900, 1411 South Jefferson Davis Highway, Arlington, Virginia 22202 ($50.00 for institutional subscriptions, published four times a year)
Exceptional Child Education, Exceptional Child Research, Handicapped Children, Gifted, Abstracts, Periodicals, Exceptional Child Services, Publications, Reference Materials, Special Education
"Exceptional Child Education Abstracts" provides comprehensive abstract coverage of important publications in all aspects of the field of special education. It is intended for persons working or studying in any field involving the education of the handicapped or gifted, and those engaged in publishing, research and writing of surveys. Coverage includes such publications as

research reports, journal articles, curriculum guides, and teachers' activity manuals. The publication also includes abstracts of ERIC documents on the handicapped and gifted.

72-152 EC
Perlmutter, Ruth **Constructing** *Teaching Exceptional Children*, v4 n1, pp34-41, Fall 1971. 8p. (Journal Article)
Exceptional Child Education, Handicrafts, Creative Expression
Imaginative ways in which children can make attractive and enjoyable items from objects which normally would be discarded are described in this article.

72-153 EC
Perlmutter, Ruth **Papercrafts and Mobiles** *Teaching Exceptional Children*, v4 n3, Spring 1972. 8p. (Journal Article)
Exceptional Child Education, Mentally Handicapped, Art, Art Materials, Guidelines
Description of art projects that can be used with exceptional children as they learn to make mobiles and various objects from paper are presented.

72-154 EC
Pisarchick, Sally E. **Project Support: Teens Turn Paraprofessional** *Teaching Exceptional Children*, v4 n2, pp.66-70, Winter 1972. 5p. (Journal Article)
Exceptional Child Education, Services, Nonprofessional Personnel, Handicapped Children, Adolescents
How a school district expanded its services for all children by instituting a paraprofessional training program for teens who were interested in working with exceptional children is described.

72-155 EC
Reilly, Vera **Reversals in Writing: Some Suggestion for Teachers** *Teaching Exceptional Children*, v4 n3, Spring 1972. 4p. (Journal Article)
Exceptional Child Education, Handwriting, Language Instruction, Learning Disabilities, Games
A description is given of some games which can help children avoid letter reversals.

72-156 EC
Robbins, Lynn S.; Soeffing, Marylane **CEC ERIC's The Now Way to Know--From the Centers: Research Leading to Classroom Techniques.** *Education and Training of the Mentally Retarded*, v7 n2, April 1972. 6p. (Journal Column)
Exceptional Child Research, Research and Development Centers, Mentally Handicapped, Teaching Methods
This column describes interviews with the directors of research projects at the five Research and Development Centers. Programs which will give teachers practical help in teaching mentally retarded children are highlighted in this column.

72-157 EC
Shea, Thomas M.; And Others **Outdoor Living and Learning Complement Each Other** *Teaching Exceptional Children*, v4 n3, Spring 1972. 10p. (Journal Article)
Exceptional Child Education, Learning Processes, Outdoor Education, Handicapped Children, Camping
A camp is described which can be made into a year round facility where outdoor living and learning complement each other and where children can learn inadvertently.

72-158 EC
Silbertstein, Marie M. **Le Petit Cafe's Recipe for Successful Student Interrelationships** *Teaching Exceptional Children*, v4 n1, pp.42-45, Fall 1971. 4p. (Journal Article)
Exceptional Child Education, Mentally Handicapped, Vocational Education, On the Job Training, Peer Relationship, Food Service Workers
Contained is a description of an interdepartmental program in which students run a cafeteria for their teachers. On the job training is provided and retarded students are integrated with other students through participation in this program.

72-159 EC
Volkmor, Cora B.; Langstaff, Anne L. **Developing Visual Perception Abilities** *Teaching Exceptional Children*, v4 n1, pp.29-33, Fall 1971. 5p. (Journal Article)
Exceptional Child Education, Perceptually Handicapped, Visual Perception, Teaching Methods
Procedures are described for helping perceptually handicapped children study familiar objects and learn to recognize, recall, and reconstruct them by discriminating among their sizes, shapes, and colors.

72-160 EC
Winnick, Joseph P; Landers, Daniel M. **Try Trampolining with Handicapped Children** *Teaching Exceptional Children*, v3 n4, pp.181-188, Summer 1971. 8p. (Journal Article)
Exceptional Child Education, Handicapped Children, Physical Education, Athletic Equipment
This article attempts to show how the trampoline can be a very strong reinforcer for learning and includes a performance checklist and guidelines for safety.

72-161 EM
Instructional Technology Subject Matter Descriptors: A Subset of the ERIC Thesaurus November 1971. 14p. (Thesaurus) ED 055 436 RIE February 1972 HC-ERIC Clearinghouse on Educational Media and Technology, Stanford University, Stanford, California 94305 (single copies available upon request)
Indexing, Thesauri
A "mini-thesaurus" has been prepared by the ERIC Clearinghouse on Media and Technology. It is intended not only to provide a list of ERIC terms associated with instructional technology, but also to put those terms into an arrangement whereby an ERIC indexer or user who is not familiar with the area can find the right terminology for this retrieval problem.

72-162 EM
Coombs, Don H. **The ERIC System--A Status Report** *British Journal of Educational Technology*, v2 n3, pp.205-210, October 1971. 5p. (Journal Article)
Clearinghouses, Resource Centers, Information Systems, Educational Resources, Educational Technology
The Director of the ERIC Clearinghouse on Media and Technology attempts "an objective consideration of just how useful today's system is to individuals seeking information on educational technology."

72-163 EM
Coombs, Don H. **Information Sources in Educational Technology** *audiovisual Instruction*, v16 n6, pp.32-33, June/July 1971. 2p. (Journal Article)
Educational Technology, Information Sources
Addresses for 7 information sources in the general area of educational technology are presented.

72-164 EM
Dale, Edgar; Belland, John **Guide to the Literature on Audiovisual Instruction** September 1971. 20p. (Literature Review) ED 054 615 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Audiovisual Aids, Audiovisual Instruction, Instructional Technology
The philosophical overview which introduces this review of the literature on audiovisual instruction concentrates on the historical background of the field and its place within the broader fields of communication, education, and communication theory and research. A selected bibliography is provided for the major areas in instructional technology. A brief introduction to each of these topics serves as annotation.

72-165 EM
Geis, George L. **Behavioral Objectives; A Selected Bibliography and Brief Review** April 1972. 23p. (Annotated Bibliography) ED 060 671 RIE July 1972 MF-$0.65; HC-$3.29
Guides, Literature Reviews, Behavioral Objectives
What are behavioral objectives? Why write and use behavioral objectives? Where do behavioral objectives come from? These three questions are answered in some detail in this paper; lists of selected references and resources and an annotated bibliography of "how-to" books accompany the text which summarizes much of the research dealing with behavioral objectives. The author states that behavioral objectives are "the first step in making more effective, systematic, and rational that most previous, most human activity--teaching others."

72-166 EM
Hoban, Charles F. **The State of the Art of Instructional Films** September 1971. 37p. (State-of-the-Art Review) ED 055 432 RIE February 1971 MF-$0.65; HC-$3.29
Educational Research, Film Libraries, Instructional Films, Instructional Technology, Literature Reviews
The boundaries of knowledge and performance capabilities of instructional films are extending outward, but largely in directions that are somewhat neglected in the professional literature. This expansion and its directions are the concerns of this review.

72-167 EM
Morgan, Robert P.; Singh, Jai P. **A Guide to the Literature on Application of Communications Satellites to Educational Development** April 1972. 23p. (Annotated Bibliography) ED 060 661 RIE July 1972 MF-$0.65; HC-$3.29
Educational Change, Communication Satellites, Annotated Bibliographies
This literature guide provides an introduction to satellite technology; to nontechnical aspects of satellites, including economic, organizational, social, political, and legal factors; and to educational and developmental uses of satellites, including experiments and systems planned or proposed. Also included is a basic reference shelf and a guide to organizations with interest in educational satellite utilization. A bibliography which lists other relevant entries concludes the paper.

72-168 EM
Shapiro, Peter D. **After Data Collection: Coding-An Educational Research Tool** April 1972. 14p. (Monograph) ED 061 770 RIE August 1972 MF-$0.65; HC-$3.29
Research Methodology, Statistical Analysis, Codification
A brief and simple guide discusses the place and purpose of coding experimental data in the research process. The trade-offs involved unitizing data are reviewed. A discussion of categorizing data includes information on building the category set, the relationship of categories within a set, and designing the discrete-category code. Ways of calculating reliability are presented to allow the researcher to measure the equivalence of results when different coders classify the same data using the same set of categories.

72-169 EM
Siebert, Warren F. **Broadcasting and Education** *Educational Broadcasting Review*, v6 n3, pp.139-150, June 1972. 13p. (Journal Article)
Instructional Technology, Broadcast Industry, Television, Instructional Television
The history of educational broadcasting has been marked by a succession of new technologies launched before the older ones were fully understood and used. The effect of the Corporation for Public Broadcasting, microteaching, instructional television fixed service (ITFS), radio, cable television, and video cassettes need careful examination. Four problems require prompt consideration: education--intra-educational relations, creative accomodation to change, professionalism, and learning research.

72-170 EM
Siebert, Warren F. **Instructional Television: The Best of ERIC** April 1972. 34p. (Annotated Bibliography) ED 062 830 RIE September 1972 MF-$0.65; HC-$3.29
Instructional Television, Television, Televised Instruction, Educational Television
A computerized search of the information file in the national ERIC system revealed hundreds of reports and papers concerning instructional television; the author chose the most relevant for inclusion in this bibliography. The material is divided into categories: general; bibliographies, literature guides and overviews; national issues; and project reports. For each document the author, title, abstract, and complete ordering information are provided.

72-171 EM
Sitts, Maxine K. **1972 Research Abstract Kit for the Convention of the Association for Educational and Communications Technology (AECT)** April 1972. 30p. (Research Abstract Kit) HC-available from ERIC Clearinghouse on Educational Media and Technology
Organizations (Groups), Communications [Association for Educational and Communications Technology]
This clearinghouse-produced kit includes 19 research abstracts of papers presented at the Association for Educational Communications and Technology Convention (April 1972), a list of the titles and authors of the papers, and a brochure on the ERIC system. This folder of material is produced each year for the AECT by ERIC at Stanford.

72-172 EM
Twelker, Paul A.; And Others **The Systematic Development of Instruction: An Overview and Basic Guide to the Literature** March 1972. 29p. (Annotated Bibliography) ED 059 629 RIE June 1972 MF-$0.65; HC-$3.29
Systems Approach, Instructional Systems, Models, Systems Analysis
Five systems approaches which have been used in the successful development of instruction at the classroom level are discussed: the Teaching Research Systems Approach, the Michigan State University Instructional Systems Development Model, the System Approach for Education Model, the Project MINERVA Instructional Systems Design Model, and the Banathy Instructional Development System Model. All of these models include actions that fall into the categories of problem definition and organization, systems analysis and development, and system evaluation.

72-173 EM
Weisgerber, Robert A. **Individualized Learning** *Series 3 Collection from ERIC at Stanford,* February 1972. 32p. (Annotated Bibliography) ED 057 610 RIE April 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Individualized Instruction
Contained is a collection of over 100 reports and papers that were put into ERIC in the last 2 or 3 years. The first section contains selected bibliographies. A number of organizational, philosophical, and operational considerations are discussed in the second section. The third section offers research, assessment, and experimental findings; the fourth section looks at the relation of media to the individualization process. Selected systems approaches to individualized learning are presented separately in the fifth section, and entries dealing with selected institutional approaches comprise the sixth section. References which describe diagnostic and prescriptive individualization techniques for the handicapped and nonperformer conclude the paper.

72-174 EM
Weisgerber, Robert A. **Trends Issues and Activities in Individualized Learning** February 1972. 35p. (Resource Guide) ED 057 633 RIE April 1972 MF-$0.65; HC-$3.29
Individualized Instruction, Resource Guides
The author identifies and comments on general trends which seem to be emerging in individualized instruction at the elementary and secondary level, in teacher education programs, and in other education programs. A selective list of the equipment, materials, and prepackaged systems available to implement an individualized program is provided, along with a review of the major features of several major national systems: PLAN, IPI, I/D/E/A/, IMS,and SCI.

72-175 FL
Chairmen of Language and Area Programs September 1971. 2p. (Directory) ED 057 648 RIE April 1972 MF-$0.65; HC-$3.29
Directories, Areas Studies, Language and Area Centers, Language Instruction, Universities
This document lists, by college and university, language and area study programs available at a particular school. Over 100 schools are included, and more than 200 programs are listed. Each entry provides the school address, program title, languages involved, and the name of the professor in charge. Information was compiled from material provided by the Office of Education Social Sciences Research Council Language and Area Programs Review.

72-176 FL
ERIC Clearinghouse on Languages and Linguistics *Foreign Language Annals,* v5 n1, pp.102-111, October 1971. 10p. (Journal Article)
Language Instruction
This journal column, which appears 3 times annually in "Foreign Language Annals," contains announcements of recent developments in ERIC, particularly those of interest to foreign language educators and researchers. The article includes a "Notes" section containing news of the latest clearinghouse publications, comments on the growth of ERIC and ERIC-related activities; a brief, annotated listing of recent ERIC FL accessions of special interest to the field; and a section on "FL Projects in Progress."

72-177 FL
ERIC Clearinghouse on Languages and Linguistics *Foreign Language Annals,* v5 n2, pp.246-254, December 1971. 9p. (Journal Article)
Language Instruction
Contained are announcements of recent developments in ERIC, particularly those of interest to foreign language educators and researchers. The article includes a "Notes" section containing news of the latest clearinghouse publications, comments on the growth of ERIC and ERIC-related activities; a brief annotated listing of recent ERIC FL accessions of special interest to the field; and a section on "FL Projects in Progress."

72-178 FL
Clark, John L. D. **Leadership in Foreign Language Education: the Foreign Language Teacher and Research** September 1971. 29p. (Monograph) ED 056 598 RIE March 1972 MF-$0.65; HC-$3.29
Language Teachers, Language Research, Modern Languages, Research Methodology, Teacher Role
The relationship of the foreign language teacher and the researcher is explored in this report which focuses predominately on three main aspects: (1) locating research, (2) evaluating research, and (3) conducting research. An overview of the role of the teacher as potential researcher introduces the principal sections. Guidelines which identify the most important criteria in evaluating typical research undertakings and a bibliography are included.

72-179 FL
De la Portilla, Marta; Colchie, Thomas **Textbooks in Spanish and Portuguese: A Descriptive Bibliography, 1939-1970** 1972. 126p. (Bibliography) ED 060 761 RIE July 1972 MF-$0.65; HC-$6.58
Annotated Bibliographies, Spanish, Portuguese, Textbooks, Instructional Materials
Listed in this annotated bibliography are books printed and published in the United States of America for use in teaching Spanish and Portuguese in high school and college to students whose first language is English. As a sequel to the Arjena "A Bibliography of Textbooks of Spanish Published in the United States (1795-1939)," this publication contains books which have been published from 1939-1970. Each of the two language sections contains both Peninsular and Latin American materials. Textbooks are categorized according to their pedagogical purpose (from first-year texts to supplementary materials).

72-180 FL
Disick, Renee S. **Performance Objectives in Foreign-Language Teaching** *ERIC Focus Reports on the Teaching of Foreign Languages, Number 25,* November 1971. 9p. (Paper) ED 055 552 RIE February 1972 MF-$0.65; HC-$3.29
Modern Languages, Language Instruction, Performance Criteria, Teaching Methods, Behavioral Objectives
Discussed is the nature of performance objectives and how they may be classified and focuses on the interrelationship of instructional purpose, student behavior, conditions under which the behavior is to occur, and minimal criteria of acceptable performance. A bibliography is included.

72-181 FL
Green, Jerald R. **Kinesics in the Foreign Language Classroom** *ERIC Focus Reports on the Teaching of Foreign Languages, Number 24,* October 1971. 9p. (Paper) ED 055 511 RIE February 1972 MF-$0.65; HC-$3.29
Paralinguistics, Language Instruction, Cultural Education, Nonverbal Communication, Cultural Context
The classroom presentation of authentic nonverbal behavior as a legitimate and useful activity in the teaching of the foreign culture is explored in this report. Means by which currently-used language texts can be correlated with nonverbal, high frequency gestures are explored. A review of the development of kinesics as a branch of linguistics is included.

72-182 FL
Harrell, Dolly D. **The Question as a Technique in Foreign Language Teaching** *ERIC Focus Reports on the Teaching of Foreign Languages, Number 26,* December 1971. 9p. (Paper) ED 056 624 RIE March 1972 MF-$0.65; HC-$3.29
Language Instruction, Modern Languages, Teaching Methods, Questioning Techniques, Student Motivation
Focused on is the nature and structure of the question and its use as an educational technique enabling the language teacher to involve his students in the use of the target language. The discussion concentrates on: (1) the question in the basic level class, (2) the question as a testing technique, (3) the question as a vocabulary activator in the second-and third-year reading program, (4) the question in advanced language study, and (5) a review of the nature of the question.

72-183 FL
Keck, Mary Ellen B, comp.; Smith William F., comp. **A Selective, Annotated Bibliography for the Language Laboratory, 1959-1971** June 1972. 52p. (Annotated Bibliography) MF-$0.65; HC-$3.29
Instructional Media, Teaching Methods, Modern Languages, Language Laboratories
This annotated bibliography contains 163 books, articles and research reports on the language laboratory. The entries are listed alphabetically by author, and cover the history, planning, administration, and operation of a language lab, as well as methodologies, teaching techniques and linguistic theory related to mediated language instruction. The publication contains an essay which gives a brief history of the language lab, a rationale, and a discussion of equipment and its installation. A chronological index is included.

72-184 FL
Lange, Dale L., comp. **1970 ACTFL Annual Bibliography of Books and Articles on Pedagogy in Foreign Languages** July 1971. 67p. (Bibliography) ED 050 651 RIE September 1971 MF-$0.65; HC-$3.29
Bibliographies, Language Instruction, Modern Languages, Applied Linguistics, Classical Languages
Fourth annual selective bibliography published by the American Council on the Teaching of Foreign Languages (ACTFL) lists 1,734 items concerned with pedagogy in modern foreign languages, Latin, Greek, English as a second language, and applied linguistics. For related documents see ED 021 152 RIE January 1969, ED 024 293 RIE April 1969, ED 025 988 RIE June 1969, ED 029 158 RIE October 1969 and ED 040 625 RIE November 1970

72-185 FL
Lange, Dale L., ed. **1971 ACTFL Annual Bibliography of Books and Articles on Pedagogy in Foreign Languages** *Foreign Language Annals,* v5 n4, pp.487-567, May 1972. 81p. (Bibliography)
Bibliographies, Language Instruction, Modern Languages, Applied Linguistics, Classical Languages
Compiled from a master list of about 300 journals and various book sources, this fifth annual selective bibliography lists 2,061 items concerned with pedagogy in modern foreign languages, Latin, Greek, English as a second language, and applied linguistics. The 1971 listing provides continuity with the Birkmaier-Lange "Selective Bibliography on the Teaching of Foreign Languages 1920-1966" and the ACTFL Bibliogra-

phies of 1967, 1968, 1969, and 1970. An author index is included.

72-186 FL
Michel, Joseph; Patin, Paul **Some Techniques for Teaching Vocabulary** *ERIC Focus Reports on the Teaching of Foreign Languages, Number 27,* March 1972. 25p. (Paper) MF-$0.65; HC-$3.29
Modern Languages, Language Instruction, Vocabulary Development, Vocabulary Skills, Teaching
What it is to "know" a word, the problem of selecting vocabulary to be taught, and its gradation for presentation in the foreign language class are discussed. Also described are methods and techniques for teaching vocabulary form, meaning, distribution, and use, for beginning through advanced levels of language study.

72-187 FL
Monka, Carolyn, comp. **ERIC Documents on the Teaching of Foreign Languages:** *List Number 7,* October 1971. 22p. (Bibliography) ED 056 600 RIE March 1972 MF-$0.65; HC-$3.29
Catalogs, Educational Resources, Clearinghouses, Language Instruction, Modern Languages
This seventh in a series of such catalogs lists 382 items pertaining to foreign language instruction that were accessioned by all ERIC Clearinghouses from November 1970 through April 1971. Entries are organized alphabetically, and a 14-category user index assists in pinpointing items relevant to particular interests. For related documents see ED 026 924 RIE July 1969, ED 029 538 RIE October 1969, ED 033 643 RIE March 1970, ED 037 150 RIE July 1970, ED 044 990 RIE April 1971 and ED 047 592 RIE June 1971.

72-188 FL
Monka, Carolyn, comp. **ERIC Documents on the Teaching of Foreign Languages, List Number 8** *Foreign Language Annals,* v5 n3, pp.365-380, March 1972. 18p. (Bibliography)
Catalogs, Educational Resources, Clearinghouses, Language Instruction, Modern Languages
Included in this compilation are 364 items pertaining to foreign language instruction that were accessioned by all Educational Resources Information Center (ERIC) Clearinghouses from March 1971 through October 1971. Each item cites ED number, cost, and location of relevant abstract in RIE.

72-189 FL
Schneider, Gerd K., comp. **Topical Bibliography in Theoretical and Applied German Linguistics** 1972. 182p. (Bibliography) HC-available from MLA/ACTFL Materials Center, 62 Fifth Ave., New York, N.Y. 10011 ($2.00)
German, Bibliographies, Descriptive Linguistics, Applied Linguistics, Linguistic Theory
This bibliography of 1860 books and articles provides researchers, instructors, and students of applied German linguistics, as well as school and college teachers of German, with background material on a variety of topics in the field of applied German linguistics which can be of service in the preparation of instructional materials and the planning of courses. Although the emphasis is on applied German linguistics, a comprehensive listing of works on linguistic theory has also been included. The period covered ranges mainly from the turn of the century through the end of 1970.

72-190 FL
Svobodny, Dolly D., comp. **The Foreign Language Requirement in Colleges and Universities: A Bibliography with Abstracts** June 1971. 94p. (Annotated Bibliography) ED 050 645 RIE September 1971 MF-$0.65; HC-$3.29
Modern Languages, Uncommonly Taught Languages, Degree Requirements, Higher Education, Language Enrollment
The 264 abstracts in this compilation describe opinions and realities of the foreign language requirement in American colleges and universities. The research dates from 1900. Most of the abstracts reflect research reports and articles which have appeared in U.S. educational journals. A selective number of books and monographs are also included. Availability of the materials in the ERIC system is noted.

72-191 HE
How To Keep'em Happy Down at the Dorm *College Management,* v6 n8, September 1971. 16p. (Journal Article)
Higher Education, Dormitories, College Housing, Student Attitudes, Planning, Educational Planning
College students are moving out of dormitories, choosing instead to pay high rents to live in substandard "pads" rather than submit to the rules and regulations of university living. To cope with this problem many institutions of higher education are renovating existing structures or building new ones to create an atmosphere conducive to living as well as learning.

72-192 HE
Blackburn, Robert T. **The Professor's Role in a Changing Society** June 1971. 26p. (Literature Review) ED 051 438 RIE October 1971 MC-$0.65; HC-$3.29
Faculty, Tenure, Teacher Characteristics, Social Values, Faculty Evaluation
The import of current trends in higher education on faculty is examined. It includes both a general discussion of forces influencing faculty life styles (with implications for administrators) and a critical review of recent research literature, including studies on such topics as supply and demand, mobility, collective bargaining, and evaluation of faculty performance.

72-193 HE
Breedin, Brent **Veterans in College** March 1, 1972. 4p. (Literature Review) ED 058 467 RIE May 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 (1 to 10 copies $0.15 each; over 10 copies $0.10 each)
Higher Education, Veterans Education, Federal Aid, Military Personnel, Adult Education
As the original 1944 "G.I. Bill of Rights" was extended or revised and new bills for the Korean and Vietnam veterans written, the results of the post-World War II experience were evaluated and considered. In 1969, the silver anniversary of the signing of the original bill, there were again a number of reviews and analyses written. This paper presents a review of the literature pertaining to the first "G.I. Bill" and subsequent bills as related to higher education, veterans, and the public interest.

72-194 HE
Cook, J. Marvin; Neville, Richard F. **The Faculty as Teachers: A Perspective on Evaluation** September 1971. 17p. (Paper) ED 054 392 RIE January 1972 MF-$0.65; HC-$3.29
Faculty Evaluation, Effective Teaching, Higher Education, Teaching Skills, Student Evaluation
The problem of measuring and evaluating teacher performance is examined. Evaluation methods currently in use are reviewed, including the use of student questionnaires, and a recommendation for a more accurate measurement of teacher effectiveness is made. The authors specifically consider the relative merits of measurement based on student performance (direct measurement) and measurement based on teaching activities (indirect measurement) as they relate to the evaluation of faculty. This paper is based on a study performed by J. Marvin Cook for the Faculty Senate, University of Maryland, Baltimore County.

72-195 HE
Givens, Paul R. **Student-Designed Curricula** May 15, 1972. 4p. (Paper) ED 061 917 RIE August 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 (1 to 10 copies $0.15 each; over 10 copies $0.10 each)
Higher Education, Relevance (Education), Curriculum Development, Educational Improvement, Student Centered Curriculum
The campus unrest in recent years past has facilitated a change of major importance within the higher education community. Educators have been forced to reevaluate college curricula in order to make it more relevant to students. This paper describes programs at 30 colleges and universities in which students are allowed to design their own programs of study. The range of programs described is wide, and reflects the degree of innovation that characterizes the move toward student-initiated academic planning.

72-196 HE
Harvey, James **Graduate School Admissions** November 1971. 4p. (Report) ED 057 261 RIE April 1972 MF-$0.65; HC-$3.29
Higher Education, Graduate Study, Admission Criteria, Admission (School), Graduate Students
The admissions process in graduate education is heavily criticized for poor recruitment procedures and the use of criteria unrelated to academic success. This review examines the factors related to student enrollment in graduate programs, the policies and procedures followed by graduate departments, and draws some implications for the improvement of the admissions process.

72-197 HE
Harvey, James **Minorities and Advanced Degrees** June 1, 1972. 4p. (Literature Review) ED 062 957 RIE September 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D. C. 20036 (1 to 10 copies $0.15 each; over 10 copies $0.10 each)
Higher Education, Graduate Study, Minority Groups, Professional Education, Negro Education
Within the last few years, the discussion has moved from the reassessment of undergraduate recruitment and admissions policies to the involvement of graduate and professional schools in the education of minority group students in general, including blacks, Chicanos, and American Indians. This paper examines some of the literature that deals with efforts to increase the numbers of minority students enrolling in post-baccalaureate medical, legal, and graduate programs.

72-198 HE
Harvey, James **Ph.D.'s and the Marketplace** February 1, 1972. 4p. (Paper) ED 057 259 RIE April 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 (1 to 10 copies $0.15 each; over 10 copies $0.10 each)
Higher Education, Doctoral Degrees, Job Market, Unemployment, Professional Occupations
Ph.D. recipients have been accustomed to a job market in which demand for their services far exceeded supply. Manpower experts predicted this situation would continue in the foreseeable future. However, when the 60's ended, the employment illusion had been rudely dispelled. Anecdotal references showed scientists and scholars reduced to hand-labor to earn a living. This paper presents analyses of the current situation, the causes of the current situation, and future prospects for Ph.D. candidates.

72-199 HE
Harvey, James **The Student in Graduate School** January 1972. 75p. (Report) ED 057 258 RIE April 1972 MF-$0.65; HC-$3.29
Higher Education, Graduate Study, Graduate Students, Doctoral Program, Professional Education
Examined is the literature on the graduate student seeking the Ph.D. in the arts and sciences, the claims made about graduate student status, and research supporting or negating such claims. Major topics discussed are: (1) concentration of and undergraduate training of graduate students; (2) problems of special groups; (3) general problems of students; (4) general requirements; (5) dissertation and research phases of doctoral study; (6) length of doctoral study; (7) students in the sciences vs. those in the arts or social sciences; and (8) financial aid.

72-200 HE
Hodgkinson, Harold L. **Campus Governance - The Amazing Thing is that it Works at All** July 1971. 24p. (Paper) ED 051 439 RIE October 1971 MF-$0.65; HC-$3.29
Governance, University Administration, Administrator Responsibility, Policy Formation, Educational Accountability
This paper reviews the literature on governance from 1965 to 1970. The author surveys the attitudes of those who participate in the governing process--students, faculty, administration--and illustrates how patterns of governance are undergoing change. Several innovative governance

models are given along with a review of related problems, such as accountability, decentralization versus centralization, who should be represented, and the influence of forces outside the educational community. Topics for further research are recommended and an extensive bibliography concludes the report.

72-201 HE
Lichtman, Jane **The Experimental Subcollege** June 1971. 12p. (Report) ED 051 437 RIE October 1971 MF-$0.65; HC-$3.29
Cluster Colleges, Experimental Colleges, Curriculum Design, Relevance (Education), Educational Innovation
Examined is the pertinent literature about subcolleges; summarized are their characteristics, and suggested are areas for further research. 9 such subcolleges are described in terms of how they were initiated and what programs are offered. These subcolleges were selected for their distinctive characteristics and innovations. They range from schools that accept the parent institution's major educational assumptions but modify its methods, to schools that reject all traditional assumptions.

72-202 HE
Mortimer, Kenneth P. **Accountability in Higher Education** February 1972. 60p. (Paper) ED 058 465 RIE May 1972 MF-$0.65; HC-$3.29 HC-also available from the American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 ($2.00)
Higher Education, Educational Accountability, Institutional Role, Government Role, Educational Administration
Presented is an overview of accountability in higher education. Chapter 2 considers three major contexts for the term accountability: managerial accountability; accountability versus evaluation; and accountability versus responsibility. Chapter 3 examines the increasing pressures to be more accountable to external forces. Chapter 4 covers the question of accountability with institutions themselves. Three major difficulties in assessing internal accountability are presented. Chapter 5 considers some possible trends in accountability for the 1970's. An extensive bibliography on the literature concludes the report.

72-203 HE
Rivers, William L.; Sellers, Leonard **Student Newspapers in Transition** December 1971. 4p. (Report) ED 057 260 RIE April 1972 MF-$0.65; HC-$3.29
Higher Education, School Newspapers, Newspapers, Student Publications
The 1970s may someday be considered the period of independence for the collegiate press. More and more college and university newspapers are breaking ties with their institutions and moving off campus. However, many of these papers desiring independence also want financial support from their institutions without the administrative control that has traditionally accompanied such aid. Administrators as well as student editors can learn hard lessons about the dangers of complete independence by studying the ailing condition of most student-founded papers trying to challenge established student papers.

72-204 HE
Robinson, Lora H. **College Student Morale** May 1, 1972. 4p. (Paper) ED 061 918 RIE August 1972 MF-$0.65; HC-$3.29 HC-also available from Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington D.C. 20036 (1 to 10 copies $0.15 each; over 10 copies $0.10 each)
Higher Education, College Students, Student College Relationship, Student Teacher Relationship, Student Behavior
This paper presents a discussion and statistical data concerning the various sources of college impact on students. Student-administration, student-faculty, and student-student relationships are discussed and tables are presented that represent the attitudes of 372 college students from two liberal arts colleges toward these relationships. Also discussed is the student's relationship with the college environment as a whole. It was found that at the two colleges studied, students encounter more positive than negative experiences.

72-205 HE
Shulman, Carol H. **Collective Bargaining on Campus** March 1972. 48p. (Literature Review) ED 058 466 RIE May 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 ($2.00)
Higher Education, Professors, Collective Bargaining, College Teachers, Faculty Organizations
Recent developments in higher education have encouraged the interest of the academic community in collective bargaining. This review of recent literature includes discussion of these developments, the impact of collective bargaining on the academic community, professional rights and duties of faculty, and legal problems. An annotated bibliography of 55 documents concludes the study.

72-206 HE
Shulman, Carol H. **Open Admissions in Higher Education** June 1971. 19p. (Literature Review) ED 051 440 RIE October 1971 MF-$0.65; HC-$3.29
Open Admissions, Admission Criteria, Articulation (Program), Relevance (Education), College Admission
The continued expansion of mass higher education and the increased number of programs waiving traditional admissions criteria have resulted in a reevaluation of college admissions practices. Significant debate focuses on the implications of open admissions programs and the need for new forms of higher education to serve a more diverse population. This review presents an examination of the issues based on an annotated bibliography of 43 items published during the last 3 years.

72-207 HE
Shulman, Carol H. **State Aid to Private Higher Education** June 1972. 44p. (Literature Review) ED 062 962 RIE September 1972 MF-$0.65; HC-$3.29 HC-also available from the Publications Department, American Association for Higher Education, 1 Dupont Circle, Suite 780, Washington, D.C. 20036 ($2.00)
Higher Education, Private Colleges, Financial Problems, Educational Finance, State Aid
Recent public interest in the unique financial problems of private higher education has resulted in proposals and legislation for state support of independent institutions. Although public assistance alleviates the private colleges' financial problems, it also obligates them to increase state supervision of their activities. Several state boards and independent associations believe the private sector's problems warrant special concern and action. Reflecting this view, the reports and position papers listed in this bibliography generally agree on the necessity for state funding of private higher education.

72-208 HE
Shulman, Carol H **The Tenure Debate** September 1971. 4p. (Report) ED 054 391 RIE January 1971 MF-$0.65; HC-$3.29
Tenure, Faculty, Higher Education, Teacher Employment, Faculty Promotion
This review examines recent economic, political, and legal developments that have created pressure for reform of the academic tenure system, codified in 1940 by the American Association of University Professors and the Association of American Colleges. At issue are problems of academic freedom, "deadwood" faculty, institutional finances, and the nonrenewal of probationary teachers' contracts. The present tenure system allows college faculty a 7-year probationary period after which they must receive life employment or be dismissed by their institution. Arguments for and against this sytem as well as alternative tenure systems in effect at several institutions are given. A list of 29 references is included.

72-209 JC
A Directory of Self-Instructional Materials Used in the Junior College 1971. 141p. (Directory) ED 053 720 RIE December 1971 MF-$0.65; HC-$6.58
Autoinstructional Aids, Independent Study, Instructional Materials, Junior Colleges, Teaching Methods [Danforth Junior College Program]
This directory is a compilation, by subject matter, of self-instructional materials prepared by instructors who are specialists in each field. Where possible, the listings include the author/instructor, the institution, the target population or specific course name, the package's availability, and its number and title. Listings are solicited from instructors who have prepared similar kits so that an up-dated edition can be published in 1972.

72-210 JC
New Directions in Curriculum Study December 1971. 4p. (Literature Review) ED 055 587 RIE February 1972 MF-$0.65; HC-$3.29
College Curriculum, Curriculum, Curriculum Development, Curriculum Planning, Junior Colleges
Alternatives to present patterns are discussed in groups under: (1) state and national studies, (2) articulation, (3) innovation in curriculum, (4) basic studies, (5) black studies, and (6) vocational education. A summary of major trends in curriculum development uses seven categories: (1) growth of a third major division in the junior college curriculum; (2) greater influence from social-political upheavals; (3) expansion of vocational-technical curriculums; (4) continued innovation; (5) use of instructional objectives in curriculum development; (6) articulation; and (7) evaluation.

72-211 JC
Barlow, Melvin L.; Park, Young **The Case for Vocational Education in the Junior College with an Introductory Review of Recent Research** *Junior College Research Review*, v6 n6, February 1972. 4p. (Literature Review) ED 057 785 RIE April 1972 MF-$0.65; HC-$3.29
Career Education, Junior Colleges, Technical Education, Vocational Education, Vocational Schools
This issue on the general planning of vocational-technical education emphasizes that education for employment should be the main purpose of the educational enterprise, and that junior colleges should occupy a dominant position in this preparation. Vocational education was conceived of as part of the total educational structure and vocational theorists have never thought of it in any other way. It should be offered as an alternative to the "go-to-college" concept that has been so over-sold as to be taken for granted.

72-212 JC
Cohen, Arthur M; Brawer, Florence B. **The Community College in Search of Identity** *Change*, v3 n8 pp55-59, Winter 1971/72. 5p. (Journal Article)
Higher Education, Community Colleges, College Role, Institutional Role, Educational Responsibility
To be recognized as a valid segment of higher education, community colleges have assumed responsibility for educating a student population of widely varying abilities and needs. The resulting diversity of functions has scattered their resources and created a need for community colleges to focus on certain institutional goals.

72-213 JC
Cohen, Arthur M; Brawer, Florence B. **Confronting Identity: The Community College Instructor** 1972. 257p. (Book) HC-available from Prentice Hall, Inc., Englewood Cliffs, New Jersey 07632 ($8.95)
College Faculty, Junior Colleges, Teacher Influence, Teacher Role, Teaching Styles
This book is addressed primarily to community college instructors and aims to define their professional role in terms of the effect of their teaching on their students. Seeing the identity of the teacher as an interaction between the institutional identity and the teacher's maturity, the authors first consider the college teacher in the perspective of modern theory of personality development. The book reviews the literature on teaching and instruction at the secondary and higher education levels. A 14-page bibliography

as well as a model of a teacher preparation course for junior college teachers is included.

72-214 JC
Cohen Arthur M.; And Others **A Constant Variable: New Perspectives on the Community College** 1971. 238p. (Book) ED 055 580 RIE February 1972 HC-Jossey-Bass, Inc. Publishers, San Francisco, California 94111 ($7.75)
African American Studies, Faculty Evaluation, Junior Colleges, Student Characteristics, Teaching Methods
This publication is a comprehensive analysis and critique of literature on and practices in the junior college.

72-215 JC
Cohen, Arthur M.; Brawer, Florence B. **Technology Confronts the Instructor** *Educational Technology*, v11 n10, pp29-31 October 1971. 4p. (Journal Article)
Educational Technology, Teacher Role, Role Perception, Student Teacher Relationship, Adoption (Ideas)
For technology to be effectively implemented in education, the role orientation of instructors must be taken into account. A Personal and institutional understanding for the 3 roles of the instructor--model, manager, and mediator--goes far in explaining why technology takes hold rapidly in some schools and lags in others.

72-216 JC
Cohen, Arthur M.; Brawer, Florence B. **The Who, What, Why of Instructor Evaluation** *Topical Paper Number 33*, April 1972. 19p. (Paper) ED 060 839 RIE July 1972 MF-$0.65; HC-$3.29
Junior Colleges, Evaluation, Teacher Evaluation, Evaluation Techniques, Self Evaluation
A self-report system for individual community college instructors to use in evaluating their own professional performance is advanced as a tentative means to respond to California teacher evaluation bill SB 696. Four instructor activity areas are suggested. This self-report system differs from ordinary self-report and introspective methods in that it relies on concept measurement, is open to peers for process evaluation, and focuses on instructor intentions and results.

72-217 JC
Cohen, Martin J. **The College of the Whole Earth** *Topical Paper Number 27*, October 1971. 26p. (Paper) ED 055 588 RIE February 1972 MF-$0.65; HC-$3.29
Educational Improvement, Experimental Colleges, Junior Colleges, Organizational Change, School Community Relationship
"The College of the Whole Earth" proposes a utopian alternative for community colleges to insure personal success of the people in their own community and in the world. A raison d'etre for this approach is shown in mankind's growing realization of the earth's limited resources. A multi-campus community college structure could respond to the new problems revealed by man's greater awareness. Such an institution would increase the relevancy of education to many of today's youth and more deeply involve them in the surrounding community.

72-218 JC
Goodwin, Delton D. **Measurement and Evaluation in Junior College Reading Programs** October 1971. 4p. (Literature Review) ED 053 714 RIE December 1972 MF-$0.65; HC-$3.29
Junior Colleges, Measurement Techniques, Readability, Reading Diagnosis, Reading Tests
Although few tests are designed specifically for junior colleges, 85 percent of junior college reading programs are standardized reading tests for diagnostic purposes. Many colleges require that students who score below a pre-determined level on college placement or reading exams be placed in developmental or remedial classes. Computers are often used to find students with reading difficulties and place them in appropriate classes. The range in reading ability in junior colleges is often ten or more levels. This spread in abilities and interests makes it necessary to have multi-level instruction in class.

72-219 JC
Kintzer, Frederick C. **Decision Making in the Multi-Unit College** *Junior College Research Review*, v6 n5, January 1972. 4p. (Literature Review) ED 056 687 RIE March 1972 MF-$0.65; HC-$3.29
Administration, Decision Making, Junior Colleges, Management Systems, Multicampus Districts
This review focuses on the development and presentation of a pattern for decentralizing the decision making process in multi-unit educational systems, emphasizing community college administration. The multi-branch community college district in theory provides opportunity for a more economical and efficient management and a minimum duplication of space, equipment and staff. Every educational institution should have as its prime purpose the development of an environment of learning--a major function of leadership.

72-220 JC
Kintzer, Frederick C. **From High School to Community College--A Vital Link in the Articulation Process** *Junior College Research Review*, v6 n10 June 1972. 4p. (Literature Review) ED 061 935 RIE August 1972 MF-$0.65; HC-$3.29
Junior Colleges, Articulation (Program), College High School Cooperation, College Bound Students, College Administration
To provide for the needs of student groups such as high school and college dropouts, adults wanting further education, students needing remedial education, and high school students taking college classes, communication between community colleges and high schools is essential. It is recommended that a team relationship be developed to prevent duplication of programs and provide effective service to the community; counseling is at the heart of the process. Several programs which demonstrate such cooperation are reviewed.

72-221 JC
Lombardi, John **Black Studies in the Community College** 1971. 75p. (Monograph) ED 053 723 RIE December 1971 MF-$0.65; HC-$3.29
African American Studies, Black Community, Ethnic Groups, Junior Colleges, Negro Attitudes
Examined are the community college efforts to adopt Black Studies programs. The major findings were: (1) Black Studies courses are widespread; (2) enrollments are adequate; (3) enrollments are mainly of black students, with only a few non-blacks; (4) most of the instructors are black; (5) control of the program is mainly by blacks. The paper covers the origins of the programs, the courses and curriculums, the curriculum development, the usage of the terms, Negro, Afro-American, and Black, continuing issues, and the future of Black Studies.

72-222 JC
Lombardi, John **The Financial Crisis in the Community College** *Topical Paper Number 29*, February 1972. 37p. (Paper) ED 058 873 RIE May 1972 MF-$0.65; HC-$3.29
Economic Climate, Educational Finance, Financial Problems, Financial Support, Junior Colleges
Economic causes contributing to the national crisis include inflation, rising enrollments, and labor-intensive aspects. At the same time agencies dealing with social security, ecological balance, environmental preservation, and recreational facilities among others have become powerful competitors for funds. The third major contributor to the crisis is the public who increasingly has been showing its disaffection with education by defeating public referendums and bond proposals.

72-223 JC
Lombardi, John **Moratorium on New Junior Colleges** *Junior College Research Review*, v6 n9, May 1972. 4p. (Literature Review) ED 061 928 RIE August 1972 MF-$0.65; HC-$3.29
Junior Colleges, Enrollment Trends, Enrollment Projections, Educational Demand, College Planning
This review deals with the interest of some junior college educators in taking a stand against the belief that community college enrollments will continue to increase indefinitely. The first stand was made by the Arizona State Board of Directors for Junior Colleges. On the other hand, professional state associations, the American Association of Junior Colleges, the Carnegie Commission on Higher Education, and the federal government have advocated the creation of more colleges.

72-224 JC
Loring, Rosalind; Adams, Mary **Group Counseling of Minority and Low-Income Women Students: A Model Program for Junior College Educators** *Topical Paper Number 32*, March 1972. 47p. (Paper) ED 059 715 RIE June 1972 MF-$0.65; HC-$3.29
Junior Colleges, Educationally Disadvantaged, Womens Education, Group Counseling, Counselor Training
The focus of the program was to help junior college counselors and other staff be more effective in working with educationally disadvantaged women students. A second purpose was to train junior college staff in the use of group counseling. The program for the "Training in Group Counseling of Minority and Low-Income Women Students in Junior College" was offered in the winter and spring of 1971 to 60 participants by UCLA Extension. Program objectives are described. Detailed descriptions of the planning, staff, curriculum, instructional techniques, and evaluation of this program are included.

72-225 JC
Mathies, Lorraine **How to Search the ERIC File** *Junior College Research Review*, v6 n7, March 1972. 4p. (Paper) ED 057 796 RIE April 1972 MF-$0.65; HC-$3.29
Information Dissemination, Information Retrieval, Information Systems, Information Utilization
Experience shows that manual searching gives the user skills and expertise that are essential to effectively use the computerized system. Several tools are available to aid in manually searching for information stored in ERIC files. These are: (1) Research in Education (RIE), composed of a series of document resumes and subject, author, and institution indexes; (2) Current index to Journals in Education (CIJE) containing coverage of 530 publications representing the core periodical literature in education; and (3) the Thesaurus of ERIC Descriptors with its vocabulary used for indexing the various documents, projects, and journal articles.

72-226 JC
Oosting, Kenneth W. **Extending Environmental Research to the Community College** September 1971. 42p. (Paper) ED 053 724 RIE December 1971 MF-$0.65; HC-$3.29
College Environment, Educational Research, Environmental Research, Institutional Research, Junior Colleges
The concern of the paper is with environmental effects on human behavior and not the environmental components themselves. The Press-Need Concepts (Murray 1938) were an initial attempt to explain personality in terms of environment. Other work elaborated on the Press-Need Concepts as analytical tools for assessing personal satisfactionor frustration. Results from using these instruments in a junior college setting were unsatisfactory and led to the construction of an alternative 2-part instrument.

72-227 JC
Park, Young, ed. **The Practitioner Views Institutional Research** *Topical Paper Number 30*, February 1972. 76p. (Paper) ED 059 718 RIE June 1972 MF-$0.65; HC-$3.29
Junior Colleges, Institutional Research, Research, Researchers, Research Methodology
Presented are the viewpoints of several practitioners in the field of institutional research. It is oriented toward providing the initiate to the profession with guidelines to successfully implement a practice. Specific topics covered are: (1) organization and administration of institutional research; (2) building the foundations of institutional research; (3) standards for statistical surveys; and (4) reviews of institutional research at several 2-year colleges.

72-228 JC
Park, Young **Trends and Developments in Institutional Research** *Junior College Research Review*, v6 n8, April 1972. 4p. (Literature Review) ED 060 831 RIE July 1972 MF-$0.65; HC-$3.29
Junior Colleges, Institutional Research, Educational Research, Researchers
This review notes two major trends characterizing institutional research in community colleges today: (1) the communication of research results, and (2) the shift toward applied rather than theoretical research. A third trend noted is the desire by certain persons to create an institutional position of "Information Dean," who would provide needed information to decision makers. Several organizations established for exchanging information about community colleges are discussed.

72-229 JC
Petrillo, Joseph E. **Are Your Employment Practices Legal?** November 1971. 4p. (Literature Review) ED 054 768 RIE January 1972 MF-$0.65; HC-$3.29
Court Litigation, Employment Patterns, Employment Qualifications, Junior Colleges, Legal Responsibility
Whether or not hiring practices for teachers are non-discriminatory, and whether or not the requirements beyond state credentialing relate directly to job performance, are the questions examined in this paper. It discusses the possible impact on teacher certification and employment of Griggs vs. Duke Power Company. Although this is an industrial case, subsequent judgements may alter traditional patterns in other areas by bringing an historical pattern in line with prevailing social realities or even beginning a new tradition.

72-230 JC
Purdy, Leslie **A Student Volunteer Services Bureau** September 1971. 24p. (Paper) ED 053 719 RIE December 1971 MF-$0.65; HC-$3.29
Community Services, Educational Innovation, Junior Colleges, Student Volunteers, Youth Agencies
A proposal for a student volunteer agency operating with or under the auspices of a college, but as an alternative to a comprehensive community college education is discussed. Because of conflicting expectations and inadequate resources, the idea of a year off is seen as an option to obligatory college attendance. Administration of the program and its respective advantages for volunteers, faculty and the community are also discussed.

72-231 JC
Reimer, Everett **The Impact of Educational Accounts on Junior Colleges** September 1971. 4p. (Literature Review) ED 052 772 RIE November 1971 MF-$0.65; HC-$3.29
Educational Economics, Education Vouchers, Financial Support, Junior Colleges, Resource Allocations
The author, a colleague of Ivan Illich, suggests a radical alternative to the present school system, namely, educational accounts. The accounts could be restricted to use in schools while junior colleges retain their present role, or they could be used without being restricted to schools and the junior colleges could be freed from their traditional role. The implications of these two alternatives to the present system of funding and function are discussed in detail.

72-232 JC
Thurston, Alice J.; And Others **The Chief Student Personnel Administrator in the Public Two-Year College** *Monograph Number 14*, January 1972. 75p. (Monograph) ED 060 840 RIE July 1972 MF-$0.65; HC-$3.29
Junior Colleges, Student Personnel Workers, College Deans, Administrator Characteristics, Student Personnel Services
Reported are the results of two studies, independently undertaken, that explored the role and characteristics of chief student personnel administrators. One study, done in 1968, surveyed a national stratified random sample of these administrators in public junior colleges; the second surveyed only those in midwestern junior colleges. The report concludes with eight recommendations for improvement of student personnel services.

72-233 JC
Vaughan, George B.; Puyear, Donald E. **After the Open Door: An Approach to Developmental Education** *Topical Paper Number 31*, March 1972. 19p. (Paper) ED 059 714 RIE June 1972 MF-$0.65; HC-$3.29
Junior Colleges, Developmental Programs, Behavioral Objectives, Learning Laboratories, Remedial Programs
Based on the learning theories of Benjamin S. Bloom, the program described in this report aims to help students develop basic skills for success in college work. The program, created for Virginia Highlands Community College, centers around English and mathematics learning laboratories. In general, students using the labs, either for one term or for the whole first year, had higher GPA's at the end of the year.

72-234 JC
Wing, Dennis R. W. **The Professional President; A Decade of Community Junior College Chief Executives** *Topical Paper Number 28*, January 1972. 23p. (Paper) ED 058 881 RIE May 1972 MF-$0.65; HC-$3.29
Administrator Background, Administrator Characteristics, Chief Administrators, Junior Colleges, Presidents
This report draws a profile of community college presidents holding office in 1970 and compares their characteristics with the results of similar studies conducted in 1960 and 1964. The report is based on information from the National Career Study of Community College Presidents Program of the University of Colorado.

72-235 LI
Proceedings of the Federal Library Committee Meeting, December 16, 1970 and April 28, 1971 on Implications to the Federal Library Community of the Airlie Conference on Interlibrary Communications and Information Networks, September 28-October 2, 1970 June 1971. 24p. (Conference Report) ED 054 781 RIE January 1972 MF-$0.65; HC-$3.29
Federal Government, Information Networks, Information Systems, Library Automation, Library Networks [Federal Library Committee]
Summaries of the Working Groups' recommendations, along with recollections of detailed discussions and working problems which were encountered in developing these recommendations are presented here. Participants and the Conference Working Groups represented are listed. The summary, conclusions and recommendations of that meeting were studied by FLC's Task Force on Automation and those deemed to be most interested and importance to the Federal library community were presented to FLC during its April 28 meeting. FLC Task Forces will study these recommendations for determination of future projects and programs.

72-236 LI
Billingsley, Alice, comp. **Bibliography of Library Automation** *American Libraries*, v3 n3, pp.289-312, March 1972. 24p. (Journal Article) ED 060 910 RIE July 1972 MF-$0.65; HC-$3.29
Library Automation, Library Technical Processes
This is a selective bibliography covering journal literature, trade publications, monographs, technical reports and other documents dated 1969 through 1971. The bibliography has been categorized under subject headings.

72-237 LI
Burgard, Andrea, ed. **Directory of Educational Programs in Information Science, Supplement, 1972-1973** 1972. 43p. (Directory) HC-American Society for Information Science, 1140 Connecticut Ave., N.W., Suite 804, Washington, D.C. 20036 (Members $2.50 Non-members $3.00)
Education, Information Science, Information Scientists, Information Systems, Information Theory
This is the Supplement to the 1971/1972 edition; it gives updated information for the academic year 1972-1973. Included is detailed information on graduate-level academic programs in education for information science in the United States and Canada. This reference tool is useful to students and teachers of information science, potential students, and high school and college guidance counselors.

72-238 LI
Durkin, Robert E., ed. **Proceedings of the Conference on Federal Information Resources (2nd, Washington, D.C., March 30-31, 1971)** September 1971. 107p. (Conference Report) ED 053 770 RIE December 1971 MF-$0.65; HC-$6.58; Federal City College Press, Media Services Div., Federal City College, Washington, D.C. 20001 ($4.25)
Black Community, Feedback, Government Libraries, Information Needs, Research Libraries, Use Studies [Committee on Scientific and Technical Information]
The second conference on Federal Information Resources continued the discussion, begun in 1970, between the Federal library and information community and the research library community. Although each had its particular mission and problems, there is agreement that some problems are common to the two groups and that, in at least some instances, the one community can assist the other to the benefit of both.

72-239 LI
Finnan, Anne **The Public Library: A Bibliography** 1971. 54p. (Bibliography) ED 056 729 RIE March 1972 MF-$0.65; HC-$3.29
Objectives, Public Libraries, Library Role Community Involvement, Library Planning, Library Programs
ERIC/CLIS has compiled this bibliography to assist the members of the library community who are concerned with the role of public libraries. It is hoped that this tool will serve as a general reference source for those who wish to undertake the preparation of critical review articles or substantive state-of-the-art surveys, to fill informational gaps existing in the field and provide a firmer decision-making base on which the role of the public library can be developed.

72-240 LI
Helmuth, Nancy A. **The Use of Extracts in Information Services** *Journal of the American Society for Information Science*, v22 n6, pp.382-389, November/December 1971. 8p. (Journal Article)
Information Services, Information Utilization
This paper explores the use of extracts by reporting the results of a survey of the current acceptability and use of extracts, by a literature review and by suggesting guidelines for selecting extract material. The survey shows that extracts are currently being used in information services, especially for current awareness. Most consider extracting a time-saver. The value of extracts as measured by whether they lead the user to relevant documents was experimentally demonstrated. There was no substantial evidence that extracting is less costly than abstracting.

72-241 LI
Klempner, Irving M. **Audiovisual Materials in Support of Information Science Curricula: An Annotated Listing With Subject Index. First Edition, Revised** *Information--Part 2--Reports Bibliographies*, v1 n3, May-June 1972. 27p. (Annotated Listing)
Information Science, Audiovisual Aids, Instructional Materials, Library Science, Instructional Films
The 195 audiovisual aids cited aim toward introducing students of library science to the rapidly evolving theory and technology of information science. Each item lists the title, length of film in minutes, a brief description of content, and the current availability. A subject index is provided.

72-242 LI
McCord, Mary F., ed. **ERIC Products 1970-1971; An Annotated Bibliography of Information Analysis Publications of the ERIC Clearinghouses, July 1970 Through June 1971** September 1971. 54p. (Annotated Bibliography) ED 054 827 RIE January 1972 MF-$0.65; HC-$3.29
Clearinghouses, Education, Educational Research, Educational Resources
The fourth annual bibliography of ERIC Clearinghouse publications reflects the information analysis activities of each Clearinghouse for Fiscal Year 1971. The publication includes 416 substantive bibliographies, papers, and state-of-the-art reviews which are identified as ERIC information analysis publications. The full text of 310 of the 416 documents cited are available in microfiche

or hard copy from the ERIC Document Reproduction Service (EDRS).

72-243 LI
Mignon, Edmond **Directions in Education for Information Science; Proceedings of a Symposium for Educators (Denver, Colorado, November 11-13, 1971)** 1972. 177p. (Proceedings) ED 061 947 RIE August 1972 MF-$0.65; HC-$6.58
Curriculum Development, Education, Educational Theories, Information Science, Information Scientists, Librarianship
The eleven presented papers are separated into the five sessions of the symposium. Session I contains one paper concerned with the state-of-the-art. The three papers in the second session, theoretical approaches, are addressed to the question of what the philosophical problems underlying education in information science are. Session III is composed of four papers on practical approaches. Curriculum development is the subject of Session IV, which contains two papers on models, techniques, implementation and cooperation. The final session contains the wrap-up paper.

72-244 LI
Olsen, Harold A. **The Economics of Information: Bibliography and Commentary on the Literature. Second Edition 1972** *Information -- Part 2 -- Reports.Bibliographies*, v1 n2, pp.v-26, March-April 1972. 32p. (Literature Review)
Economics; Information Science, Information Processing, Information Utilization
This report explores the bodies of literature pertinent to the economics of information, a topic of growing interest to the information community and to economists. The major portion of the article is devoted to a selected bibliography of over 300 items dealing with the economics of information.

72-245 LI
Smith, J. I.; Frankie, Suzanne O. **ERIC Clearinghouse on Library and Information Sciences; Information Center Profile** *Information--Part 1--News.Sources.Profiles*, v4 n2, pp.52-55, January-February 1972. 4p. (Journal Article)
Clearinghouses, Publications, Library Science, Information Science, Information Processing, Information Retrieval
ERIC/CLIS operations are described including origin, scope of interest, mission, activities, publications (including information analysis products), and listed are the members of the ERIC/CLIS Advisory Board.

72-246 LI
Smith, William A., ed. **The Management of Information Analysis Centers: Proceedings of a Forum Held at the National Bureau of Standards, Gaithersburg, Maryland, May 17-19, 1971** January 1972. 203p. (Proceedings) ED 061 946 RIE August 1972 MF-$0.65; HC-$9.87
Electronic Data Processing, Information Centers, Information Processing, Management, Marketing [Scientific and Technical Information]
The given papers were presented in four sessions separated by topic. Besides the welcoming remarks and the keynote address, session I contains three general papers on information analysis centers and automatic data processing, abstracting and indexing services, and marketing. The papers presented in session 2 discuss automatic data processing operations and applications. The third session, on abstracting and indexing services, includes such case studies as those of ERIC/CLIS and the Air Force Machinability Center. Session 4, on marketing, includes such case studies as those of DoD, and Copper Data Center.

72-247 LI
Weiner, Betty H. **Special Libraries: Planning and Operation; Preliminary Draft** September 1971. 34p. (Monograph) ED 061 982 RIE August 1972 MF-$0.65; HC-$3.29
Library Planning, Special Libraries
Combined are a pragmatic how-to-do-it approach with suggestions for applying system analysis techniques for planning and operating a small special library or information center. These information facilities generally are small, so manual rather than automated procedures are discussed. In considerations for expansion, however, the ease of convertibility to automation is taken into account.

72-248 LI
Wilkie, Lorna C. **Directory of Educational Programs in Information Science 1971-1972** November 1971. 110p. (Directory) ED 056 728 RIE March 1972 MF-$0.65; HC-American Society for Information Science, 1140 Connecticut Ave., N.W. Suite 804, Washington, D.C. 20036 (Members $4.50 Non-members $5.00)
Education, Information Science, Information Scientists, Information Systems, Information Theory
For the purposes of this Directory, information science includes the following subjects: library and information systems, library automation and networks, systems analysis, management information systems, information needs and uses, abstracting and indexing, advanced classification theory, non-traditional techniques of organizing knowledge, management of technical information centers, reprography, computational linguistics, man-machine interaction, and information theory. This first edition of the Directory describes only those graduate programs with primary emphasis on information science rather than on its two major applications, namely computer science and library science.

72-249 PS
Education Commission of the States **Early Childhood Development: Alternatives for Program Implementation in the States** September 1971. 19p. (Paper) ED 051 436 RIE October 1971 MF-$0.65; HC-$3.29
Early Childhood Education, Preschool Programs, State Programs, Educational Innovation, State Action
Selected highlights from the Report of the Education Commission of the States, June 1971, are presented in this report. Basic data is provided about alternative approaches state-level policy makers should consider as a state initiates or expands its early childhood programs. Major goals of statewide programs for children under 6 years of age are discussed.

72-250 PS
Bernbaum, Marcia **Curriculum Guides at the Kindergarten and Preschool Levels: An Abstract Bibliography** March 1972. 40p. (Annotated Bibliography) ED 060 963 RIE July 1972 MF-$0.65; HC-$3.29
Abstracts, Annotated Bibliographies, Curriculum Guides, Kindergarten Children, Preshcool Children
Curriculum guides that cover a wide range of content area as well as a wide age range are cited in this bibliography with abstracts accompanying each selection. The curriculum guides cited are intended for use by the preschool and kindergarten teacher.

72-251 PS
Bernbaum, Marcia **Early Language Development: An Abstract Bibliography** October 1971. 29p. (Annotated Bibliography) ED 056 754 RIE March 1972 MF-$0.65; HC-$3.29
Language Development, Annotated Bibliography, Abstracts, Preschool Children, Preschool Education
Presented are abstracts of documents on early language development which are found in the ERIC microfiche collection, and also cites articles in the journal literature. Both published and unpublished studies are listed, focusing on language acquisition, language curriculum practices, and reviews of language research.

72-252 PS
Bernbaum, Marcia **Educational Television for Preschool and Kindergarten Children: An Abstract Bibliography** October 1971. 26p. (Annotated Bibliography) ED 056 755 RIE March 1972 MF-$0.65; HC-$3.29
Educational Television, Annotated Bibliographies, Abstracts, Preschool Children, Kindergarten Children
Included are abstracts of documents on preschool educational television which are found in the ERIC microfiche collection and, also cites articles in the journal literature. Evaluations of "Sesame Street," descriptions of the Appalachia Preschool Television Program, and a report on a television series designed to teach English to Spanish-speaking preschoolers are given.

72-253 PS
Bernbaum, Marcia, comp. **Number and Concept Development: An Abstract Bibliography** October 1971. 20p. (Annotated Bibliography) ED 057 921 RIE April 1972 MF-$0.65; HC-$3.29
Abstracts, Annotated Bibliographies, Concept Formation, Mathematical Concepts, Preschool Education
This bibliography has been compiled on alert educators to documents about concept development in young children, particularly the development of number concepts found in the ERIC microfiche collection and in journal literature. Included are published and unpublished studies focusing on children's acquisition of concept of number, number conservation research, suggestions for practitioners relating to number development, and concept research.

72-254 PS
Butler, Annie L. **Recent Research in Early Childhood Education** August 1971. 13p. (Paper) ED 058 970 RIE May 1972 MF-$0.65; HC-$3.29
Early Childhood Education, Educational Change, Parent Influence, Philosophy, Research
The recent research in the United States in the field of early childhood education is reported on. This research is characterized by conflicting idealogies concerning issues such as the relative importance of direct instruction and incidental learning; emphasis on cognitive learning as opposed to a more broadly bared curriculum; and orientation of education to future or to present needs of the child.

72-255 PS
Byers, Libby **To Laugh is to Know. A Discussion of the Cognitive Element in Children's Humor** September 1971. 14p. (Paper) ED 051 879 RIE October 1971 MF-$0.65; HC-$3.29
Humor, Cognitive Development, Educatonal Television, Teaching Techniques, Child Development
The development of children's humor is described in this short paper, which focuses on the cognitive aspect of what is funny and how humor relates to children's intellectual growth. Cognitive elements that facilitiate children's humor are identified, and humor is discussed as an instructional technique to reinforce and expand recently-learned concepts.

72-256 PS
Elliott, David L. **Beyond Open Education: Getting to the Heart of Curriculum Matters** October 1971. 29p. (Paper) ED 056 756 RIE March 1972 MF-$0.65; HC-$3.29
Educational Philosophy, Educational Objectives, Educational Planning, Curriculum, Developmental Programs
In this examination of the qualities and goals of open education, American educators are cautioned against oversimplifying and romanticising developments in England. Some of the qualities of open education are discussed and contrasted with those of traditional school programs. Suggestions are made for development of pacemaker programs in the United Sates.

72-257 PS
Griffin, Louise **Multi-Ethnic Books for Young Children: An Annotated Bibliography for Teachers and Parents** 1971. 74p. (Annotated Bibliography) ED 046 519 RIE May 1971 MF-$0.65; HC-$3.29
Annotated Bibliographies, Childrens Books, Ethnic Groups, Cultural Background, Booklists
This bibliography lists books now available about children whose race, national background, ethnic group, or life style is not white, middle class. It includes books in languages other than English, books for parents and teachers, and a directory of publishers.

72-258 PS
Harlow, Steven **Freedom in the Classroom. 1970-71 Faculty Lecture Series** July 6, 1971. 23p. (Paper) ED 056 746 RIE March 1972 MF-$0.65; HC-$3.29
Early Childhood Education, Educational Philosophy, Individual Development, School Environment, Student Behavior, Freedom
Relational patterns of perceiving and behaving which describe how three different types of children relate to the classroom environment are survival, adjustment, and encounter. The most

immature and closed pattern is that of survival. The adjustment pattern typifies the child who first discovers what others expect of him and then produces the desired behavior. The pattern of encountering is the most mature. Components and antecedents of freedom, and their significance for the teacher in helping all three types of children achieve freedom in the classroom, are discussed.

72-259 PS

Haskell, Lucy A., comp. **British Primary Education; An Annotated Bibliography** July 1971. 18p. (Annotated Bibliography) ED 052 843 RIE November 1971 MF-$0.65; HC-$3.29

Educational Innovation, Educational Philosophy, Instructional Innovation, Teaching Methods [Great Britain]

Listed are British publications useful to American educators' understanding of educational reform in England and the British primary schools. Since American enthusiasm for open and information educational methods has grown so quickly, this bibliographic tool is a necessary first step in the systematic, thorough study of British schools as potential models for United States school reform. The bibliography is divided into four sections: "A Brief Survey of English Education", "Pioneers in Educational Thought"; "Contemporary Trends in Primary Education"; and "Curriculum Innovations."

72-260 PS

Howard, Norma **Mother-Child Home Learning Programs: An Abstract Bibliography** April 1972. 47p. (Annotated Bibliography) ED 060 962 RIE July 1972 MF-$0.65; HC-$3.29

Abstracts, Annotated Bibliographies, Home Instruction, Learning Activities, Parent Child Relationship

The intent of the programs described in publications cited in this bibliography is to help parents in the home setting to become better parents of their young children. Studies show that home programs in which the parent is involved as teacher benefit not only the target child, but also result in a beneficial diffusion effect to siblings. A total of 71 abstract annotations and 10 journal references are included.

72-261 PS

Hucklesby, Sylvia **Opening Up the Classroom: A Walk Around the School** August 1971. 12p. (Paper) ED 053 817 RIE December 1971 MF-$0.65; HC-$3.29

Teaching Techniques, Teacher Role, Natural Resources, Student Motivation, Discovery Learning

Learning activities which might result from a short nature walk are outlined in this paper and illustrate open education practices. The teacher's objective is to help the child learn strategies and skills which will enable him to acquire, sort, store and use information, in contrast to learning a body of facts.

72-262 PS

Johnson, Adele M. **Infant Studies: An Annotated Bibliography** October 1971. 18p. (Annotated Bibliography) ED 055 661 RIE February 1972 MF-$0.65; HC-$3.29

Infants, Infant Behavior, Annotated Bibliographies, Early Experience, Child Development

Listed are documents on infant studies found either in the abstract journal, "Research in Education" (RIE), 1970-71, or in "Current Index to Journals in Education" (CIJE), 1970-71. Included are all citations for the specified time period, except for work on exceptional infants.

72-263 PS

Katz, Lilian G. **Teaching the Young Child: Goals for Illinois** August 1971. 8p. (Paper) ED 053 805 RIE December 1971 MF-$0.65; HC-$3.29

Organizations (Groups), Childhood Needs, Objectives

The goals, purposes, and future role of the Illinois Association for the Education of Young Children (ILLAEYC) are outlined. Necessary elements of high quality programs for young children are discussed. An individualized relationship between adult and child is needed, and this involves eye-to-eye contact, intensive interaction with each child, and time for reflection on the day's activities.

72-264 PS

Kremer, Barbara **Behavior Modification in the Classroom. An Abstract Bibliography** February 1972. 21p. (Annotated Bibliography) ED 062 005 RIE August 1972 MF-$0.65; HC-$3.29

Behavior Change, Annotated Bibliographies, Classroom Techniques, Preschool Children, Operant Conditioning

Operant conditioning, or behavior modification, entails the use of consequences (rewards) to strengthen or weaken individual responses under specified stimulus conditions. The papers included in this abstract bibliography deal with these aspects of behavior modification: theory and practice; classroom use; use with preschool children; use with disadvantaged children.

72-265 PS

Kremer, Barbara, comp. **Parent Education; Abstract Bibliography** October 1971. 39p. (Annotated Bibliography) ED 056 782 RIE March 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Early Childhood, Parent Education, Parent Participation, Preschool Programs

This bibliography has been compiled to alert educators to parent education documents found in the ERIC microfiche collection and in journal literature. Abstracts of selected documents have been taken from "Research in Education (RIE)", and journal article citations from the "Current Index to Journals in Education (CIJE)". Included are published and unpublished studies on parent education which fall into two categories; training for parents of children from infancy to 3 years of age, and education for parents of preschool children.

72-266 PS

Kremer, Barbara **Self-Concept Development: An Abstract Bibliography** March 1972. 24p. (Annotated Bibliography) ED 063 015 RIE September 1972 MF-$0.65; HC-$3.29

Self Concept, Self Esteem, Annotated Bibliographies, Racial Attitudes, Preschool Programs

This abstract bibliography lists reports of studies and programs which are concerned with the development of a favorable self concept in the young child. Separate sections present these aspects of self concept development: implications for education; racial attitudes; day care and early childhood programs; enhancing self-image in the classroom.

72-267 PS

Lavatelli, Celia S., ed. **Language Training in Early Childhood** August 1971. 185p. (Book) ED 051 881 RIE October 1971 HC-University of Illinois Press, 54 East Gregory, Champaign, Illinois 61820 ($4.00)

Language Development, Student Teacher Relationship, Early Childhood Education, Psycholinguistics, Evaluation Techniques

Contained is a collection of papers devoted to both the theory and practice of language training. Its purpose is to help readers, especially teachers, become more aware of language processes and of the components of teacher-child interaction that affect the acquisition of language.

72-268 PS

Liebert, Robert M.; Baron, Robert A. **Effects of Symbolic Modeling on Children's Interpersonal Aggression** April 1972. 27p. (Paper) ED 054 852 RIE January 1972 MF-$0.65; HC-$3.29

Aggression, Elementary School Students, Television Viewing, Violence

Does exposure to symbolically modeled aggression (aggression in cartoons, movies, stories and simulated television programs) increase children's willingness to engage in behavior which might actually harm another human being? This paper presents a summary of three recent experiments offering affirmative answers to the question. A fourth experiment provides evidence that at least under some circumstances, children's interpersonal aggression may be increased by witnessing symbolic aggressive models.

72-269 PS

Weikart, David P.; And Others **The Cognitively Oriented Curriculum: A Framework for Preschool Teachers. Final Report. Volume I** 1971. 182p. (Book) ED 044 535 RIE April 1971 MF-$0.65; HC-$6.58

Curriculum Development, Curriculum Planning, Cognitive Development, Preschool Programs [Piaget (Jean)]

Described is the Cognitively Oriented Curriculum which isbased on Piagetian theory and is used in the Perry Preschool Project, Ypsilanti, Michigan. Topics covered are objectives, teaching techniques, teacher attitudes, learning goals, classroom routine and equipment, home visits and parental involvement. An extensive classroom activity guide and sample daily schedules and commentary are included.

72-270 RC

Cooperative Vocational Education in Small Schools; A Suggested Guide for Program Planning 1972. 39p. (Paper) ED 063 069 RIE September 1972 MF-$0.65; HC-$3.29 HC is also available from G.P.O. Washington, D.C. 20402 ($0.50, Stock number 1780-0963)

Cooperative Education, Program Planning, Rural Schools, School Community Relationship, Vocational Education

Guidelines and alternatives for planning cooperative vocational education programs in small rural schools are presented this document, which proposes methodologies to promote the range of opportunities for occupational exploration and training via a learning-earning program that utilizes community resources. The document contains guidelines relating to meeting instructional objectives within the career education concept, organizing instruction, and program implementation.

72-271 RC

Altus, David M., comp. **Migrant Education, A Selected Bibliography. Supplement No. 2** August 1971. 140p. (Annotated Bibliography) ED 055 706 RIE February 1972 MF-$0.65; HC-$6.58

Abstracts, Bibliographies, Educational Programs, Migrant Education, Publications

90 documents and 44 journal articles published between 1964 and 1970 are cited. The citations include a wide variety of resource materials which examine educational needs of migrant families and educational programs for migrant youth and adults. An index of subject terms is included. This bibliography is the second in a series of planned supplements to the basic bibliography, ED 028 011 RIE August 1969; Supplement No. 1 is ED 040 002 RIE October 1970.

72-272 RC

Altus, David M., comp. **Outdoor Education, A Selected Bibliography. Supplement No. 1** August 1971. 264p. (Annotated Bibliography) ED 055 702 RIE February 1972 MF-$0.65; HC-$9.87

Bibliographies, Conservation Education, Ecology, Outdoor Education, Recreation

Some 125 documents and 217 journal articles published between 1960 and 1970 are cited. In addition to outdoor education, the areas of conservation education, recreation, and ecology are represented. Types of materials cited include research reports, descriptions of programs, and materials for instructional use. An index of subject terms is included. This bibliography is the first in a series of planned supplements to ED 037 285, RIE July 1970.

72-273 RC

Altus, David M., comp. **Rural Education and Small Schools, A Selected Bibliography. Supplement No. 1** July 1971. 495p. (Annotated Bibliography) ED 055 695 RIE February 1972 MF-$0.65; HC-$16.45

Abstracts, Bibliographies, Publications, Rural Education, Small Schools

Some 352 documents and 166 journal articles published between 1955 and 1970 are cited. The citations include a wide variety of resource materials which examine educational needs, opportunities, and programs in rural and small schools. An index of subject terms is included. This bibliography is the first in a series of planned supplements to ED 033 257, RIE March 1970.

72-274 RC

Arciniega, Tom **The Urban Mexican American: A Sociocultural Profile** July 1971. 23p. (Paper) ED 050 887 RIE September 1971 MF-$0.65; HC-$3.29

Group Dynamics, Mexican Americans, Sociocultural Patterns, Urban Culture, Values

This analysis seeks to indicate the distinctions in the patterns of life of different types of Mexican Americans in order to provide a workable framework for empirical research. This framework, along with the accompanying alues schemes and allegiance-group patterns, furnishes general guidelines for mounting action programs for urban Mexican Americans. Two figures and 13 references are included.

72-275 RC

Heathman, James E.; Nafziger, Alyce J. **Scheduling for Flexibility; A Manual for Administrators of Small Schools** October 1971. 64p. (Report) ED 056 820 RIE March 1972 MF-$0.65; HC-$3.29

Course Organization, Flexible Scheduling, Manuals, Small Schools, Time Blocks

This manual was prepared to provide administrators of small schools with information on techniques which promote flexibility in school scheduling. The information provided should enable the administrator (1) to determine if some variation of flexible scheduling would be beneficial and feasible for his particular school situation and (2) to locate more specific information by contacting schools or by obtaining literature referred to in the manual. A 31-item bibliography is included.

72-276 RC

Hughes, Larry W.; Spence, Dolphus L. **Attitudes and Orientations of Rural Groups and Effects on Educational Decision-Making and Innovation in Rural School Districts; A Synthesis of Research** July 1971. 54p. (Report) ED 054 892 RIE January 1972 MF-$0.65; HC-$3.29

Decision Making, Educational Change, Rural Schools, Rural Youth, Teacher Attitudes

The rural community is characterized by decreasing population and erosion of local taxable wealth which contribute to the ineffectiveness of community agencies or institutions in meeting citizens' needs. The rural community resists widespread effort to change existing conditions. To a large degree, local educational programs are determined by the attitudes of local administrators, teachers, school board members, parents, and other adults in the community. Education continues to be viewed as an expense rather than an investment, with the school being an agency for passing on the eternal verities rather than an agency for social change. Constructive efforts to improve rural schools are being made.

72-277 RC

Rosenstein, Irwin **Sources of Funding for Outdoor Education** November 1971. 34p. (Report) ED 058 986 RIE May 1972 MF-$0.65; HC-$3.29

Agencies, Federal Aid, Financial Support, Outdoor Education, Private Financial Support

The sources of funds of outdoor education are many. Narrative information and a chart of funding sources describe the types of funds, their purposes, who may apply, and how to receive further information; address lists of state education departments, U.S. Department of Housing and Urban Development regional offices, Bureau of Outdoor Recreation regional offices, U.S. Office of Education regional offices, and state agencies for surplus property are appended.

72-278 RC

Uxer, John E.; Benson, Charles W. **Mobile Learning Facilities** August 1971. 19p. (Report) Ed 053 855 RIE December 1971 MF-$0.65; HC-$3.29

Educational Improvement, Flexible Facilities, Mobile Classrooms, Mobile Educational Services, Services

Reviewing the scope of mobile facilities utilization as a partial solution to providing educational opportunities for school populations, this synthesis found the literature to indicate that the total and potential usage of mobile facilities is great. After a discussion of types of mobile units, uses of mobile facilities are identified. Included are 25 references.

72-279 RE

Hill, Walter; Bartin, Norma G. **Secondary Reading Programs: Description and Research** *ERIC/CRIER Reading Review Series, Bibliography 30,* July 1971. 74p. (Annotated Bibliography) ED 055 759 RIE February 1972 MF-$0.65; HC-$3.29

Annotated Bibliographies, Reading Programs, Secondary Grades, Surveys

Contained are 145 citations and abstracts concerning the growth and present status of secondary reading. These entries are grouped in four parts: (1) surveys, (2) programs, (3) comparative or experimental studies, and (4) summaries of research.

72-280 RE

Jongsma, Eugene **The Cloze Procedure as a Teaching Technique** November 1971. 42p. (Paper) ED 055 253 RIE February 1972 MF-$0.65; HC-International Reading Association, Six Tyre Ave., Newark, Del. 19711 ($1.00 to members, $1.50 to non-members)

Cloze Procedure, Reading Instruction, Literature Reviews, Research Needs, Reading Research

Reviewed and synthesized are several studies to determine what is currently known about cloze as a teaching technique and identified are research weaknesses in this area.

72-281 RE

Rogers, Norma **What is Reading Readiness?** November 1971. 16p. (Monograph) ED 057 987 RIE April 1972 MF-$0.65; HC-$3.29

Reading Readiness, Beginning Reading, Child Development, Parent Teacher Cooperation, Parent Role

Written for parents, this monograph identifies factors in reading readiness and its development. It also offers advice on how to help a child achieve readiness.

72-282 RE

Saretsky, Gary; And Others **Accountability, A Bibliography** November 1971. 16p. (Bibliography) ED 055 757 RIE February 1972 MF-$0.65; HC-$3.29

Educational Accountability, Performance Contracts, Evaluation Criteria, Bibliographies

Listed are 225 citations dealing with accountability which are divided into 12 categories--general, technical assistance, needs assessment, management systems, change strategies, performance objectives, performance budgeting, staff development, comprehensive evaluation, program auditing, community involvement, and cost effectiveness.

72-283 RE

Winebrenner, Rosemary **How Can I Get My Teenager to Read?** November 1971. 21p. (Monograph) ED 057 988 RIE April 1972 MF-$0.65; HC-$3.29

Teenagers, Reading Interests, Attitudes, Motivation Techniques, Parent Role

Offered is advice to parents on reasons why teenagers don't read, and suggests ways to help, both at home and in cooperation with the school.

72-284 SE

National Association for Research in Science Teaching, 45th Annual Meeting, Abstracts of Presented Papers April 1972. 199p. (Conference Report) ED 059 918 RIE June 1972 MF-$0.65; HC-$6.58

Abstracts, Conference Reports, Instruction, Science Education

Abstracts of papers presented to the 45th Annual Meeting of the National Association for Research in Science Teaching are arranged according to the topic. Series of sessions were devoted to such topics as: test and instrument development, evaluation, learning theory, and verbal behavior. Single sessions were held for: teacher characteristics, student characteristics, and the history and philosophy of science.

72-285 SE

Promising Practices in Mathematics Teacher Education (Compiled for the Forum on Teacher Education, National Council of Teachers of Mathematics Annual Convention, Chicago, Illinois, April 1972) 1972. 210p. (Conference Report) ED 059 917 RIE June 1972 MF-$0.65; HC-$9.87

Educational Innovation, Field Experience Programs, Mathematics Education, Mathematics Teachers, Teacher Education

Described is a great variety of current activity, including the use of individualized instruction, flexible grouping, tutorial programs, laboratory teaching, computer assisted instruction, simulation, and field-oriented programs. Two-thirds of the programs concern elementary school teacher education, and one-third concerns secondary teacher education.

72-286 SE

Gray, James F. **Issues in Mathematics Education** April 1972. 31p. (Paper) ED 064 156 RIE October 1972 MF-$0.65; HC-$3.29

Educational Problems, Mathematics Education, Mathematics Teachers, Teacher Education

A keynote address for the Commission on Teacher Education of the National Council of Teachers of Mathematics Forum on Teacher Education, this paper briefly discusses what the author considers the major broad issues of both mathematics education and the education of mathematics teachers. Problems are outlined without a particular effort to propose solutions.

72-287 SE

Helgeson, Stanley L.; And Others **A Review of Environmental Education for Elementary and Secondary School Teachers, Volume I of III. Final Report** 1971. 186p. (Report) ED 059 913 RIE June 1972 MF-$0.65; HC-$6.58

Elementary School Teachers, Environmental Education, Sciences, Secondary School Teachers, Social Sciences

Following a general orientation, specific problems and needs are identified and research related to these is noted. Current practices concerning environmental education programs and materials are summarized. Brief descriptions of selected programs and materials and case studies describing program development and implementation are included.

72-288 SE

Helgeson, Stanley L.; And Others **A Review of Environmental Education for Teachers of Urban Disadvantaged, Volume II of III. Final Report** December 1971. 167p. (Report) ED 059 914 RIE June 1972 MF-$0.65; HC-$6.58

Environmental Education, Sciences, Social Sciences, Teachers, Urban Education

Following a general orientation, specific problems and needs are identified and research related to these is noted. Current practices concerning programs and materials are summarized. Brief descriptions of selected programs and materials and case studies describing program development and implementation are included.

72-289 SE

Helgeson, Stanley L.; And Others **A Review of Environmental Education for School Administrators, Volume III of III. Final Report** December 1971. 178p. (Report) ED 059 915 RIE June 1972 MF-$0.65; HC-$6.58

Administrative Personnel, Environmental Education, Resource Materials, Sciences, Social Sciences

This report is designed for school administrators to familiarize them with the field of environmental education. Specific problems and needs are identified and research related to these is noted. Current practices, programs and materials are summarized. Brief descriptions of selected programs and materials and case studies describing program development and implementation are included.

72-290 SE

Higgins, John L., ed. **Investigations in Mathematics Education, Volume 5, Number 1** 1972. 73p. (Abstract Journal) ED 061 078 RIE July 1972 MF-$0.65; HC-$3.29 HC also available from Ohio State University, Center for Science and Mathematics Education, 248 Arps Hall, Columbus, Ohio 43210 (Subscription, $6.00 per year, $1.75 single copy)

Abstracts, Mathematics Education, Research

The twenty abstracts review research articles published in the past two years, and are classified in four sections: (1) Aspects of mathematics learning, (2) Mathematics instruction and instructional materials, (3) Mathematics achievement and its correlates, and (4) Teacher education and evaluation. Each abstract includes an objective indication of the purpose, rationale, research design findings, and interpretation of the investigation, together with a critical analysis.

72-291 SE

Higgins, John L., ed. **Investigations in Mathematics Education, Volume 5, Number 2** 1972. 74p. (Abstract Journal) ED 063 161 RIE September 1972 MF-$0.65; HC-$3.29. HC is also available from Ohio State University, Center for Science and Mathematics Education, 248 Arps Hall, Columbus, Ohio 43210 (Subscription, $6.00 year, $1.75 single copy)

Abstracts, Mathematics Education, Research

This issue contains 17 expanded abstracts of recent research in mathematics education. Each abstract reports the purpose, rationale, design, procedure, findings, and interpretation of the experiment, followed by an evaluation of the research. The research abstracted in this issue is largely concerned with teaching methods and with student and teacher characteristics.

72-292 SE

Higgins, John L. **Research Reporting Sections, National Council of Teachers of Mathematics 50th Annual Meeting, Chicago, Illinois, April 16-19, 1972** April 1972. 78p. (Conference Report) ED 064 149 RIE October 1972 MF-$0.65; HC-$3.29

Conference Reports, Instruction, Learning, Mathematics Education, Research

Included is a collection of 20 abstracts of research papers presented at the 50th annual meeting of the National Council of Teachers of Mathematics. Four papers were presented at each of five research reporting sections: (1) mathematics instruction and instructional materials, (2) aspects of mathematics learning, (3) general research topics in mathematics education, (4) mathematics achievement and its correlates, and (5) teacher education and evaluation.

72-293 SE

Suydam, Marilyn N. **Research on Mathematics Education (K-12) Reported in 1971** March 1972. 87p. (Annotated Bibliography) ED 064 126 RIE October 1972 MF-$0.65; HC-$3.29

Elementary School Mathematics, Mathematics Education, Research, Secondary School Mathematics

Research related to mathematics teaching and learning published in the United States in 1971 is listed. Each annotation gives major results and appropriate level of the study. The first section lists research summaries. The second section contains research reports which appeared in major journals in 1971. The third and final section covers dissertations announced in DISSERTATION ABSTRACTS INTERNATIONAL.

72-294 SE

Travers, Kenneth J.; And Others **Teaching Resources for Low-Achieving Mathematics Classes** July 1971. 66p. (Paper) ED 053 980 RIE December 1971 MF-$0.65; HC-$3.29

Bibliographies, Low Achievers, Mathematics Education, Resource Materials, Teaching Techniques

This paper reviews teaching approaches and general resource materials for low achievers in both elementary and secondary mathematics classes.

72-295 SE

Walbesser, Henry H.; Eisenberg, Theodore A. **A Review of Research on Behavioral Objectives and Learning Hierarchies** January 1972. 82p. (Paper) ED 059 900 RIE June 1972 MF-$0.65; HC-$3.29

Behavioral Objectives, Mathematics, Research Reviews (Publications), Science Education, Learning

In the first part of this paper, the purposes of behavioral objectives are outlined; research is then summarized. The second part presents a summary of methods of constructing learning hierarchies. The research topics outlined include the structure and efficiency of expert versus student generated hierarchies, relationships between performances on adjacent levels of a hierarchy, and the psychometries of learning hierarchies.

72-296 SE

Welch, Wayne W. **Review of the Research and Development Program of Harvard Project Physics** December 1971. 35p. (Paper) ED 059 887 RIE June 1972 MF-$0.65; HC-$3.29

Curriculum Development, Curriculum Evaluation, Physics, Secondary, School Science [Harvard Project Physics]

The purpose of this paper is to summarize and review the results of the Harvard Project Physics (HPP) research and evaluation activity to make available to interested science educators the design, implementation, and results of a major curriculum evaluation effort. This activity was conducted during the years 1965-1970.

72-297 SO

Bare, John K. **Psychology: Where to Begin** 1971. 20p. (Monograph) ED 055 938 RIE February 1972 MF-$0.65; HC-$3.29

Curriculum Planning, Psychology, Social Studies, Textbook Selection

This essay is written for the secondary school teacher who is organizing that first course. The discipline is described in terms of its central concerns with some history and some prediction for tomorrow. Against this historical background, traditional texts, published since 1966, are listed which provide an introduction to the facts, methods, and validated principles. A bibliography of references is appended.

72-298 SO

Gross, Richard E.; De La Cruz, Leonardo **Social Studies Dissertations 1963-1969** 1971. 285p. (Annotated Bibliography) ED 054 999 RIE January 1972 MF-$0.65; HC-$9.85

Classroom Research, Curriculum Research, Doctoral Theses, Educational Research, Social Studies

This compendium of 216 abstracts updates Walter E. McPhie's "Dissertations in Social Studies Education" published as "Research Bulletin number 2" by the National Council for the Social Studies, 1963. In the introduction the authors analyze and comment on the direction of social studies research. Abstracts with bibliographic data and microfilm order numbers are arranged by level within six general topics. Subject and author indexes are included.

72-299 SO

Haley, Francis, ed. **Profiles of Promise** March 1972. 4p. (Serial) SO 003 366 RIE (unknown)

Democratic Values, Educational Change, Instructional Innovation

"Profiles of Promise" is a series of descriptive brochures that highlight innovative social studies and social education practices that teachers and administrators can easily adapt to their own situation. This number describes efforts at Bell Junior High School in Golden, Colorado to create a democratic environment.

72-300 SO

Helburn, Nicholas, ed. **Challenge and Change in College Geography** June 1972. 109p. (Paper) SO 004 021 RIE (unknown) MF-$0.65; HC-$6.58

Geography Instruction, Higher Education

This collection of original papers presented at the AAG annual meeting in Kansas City, Missouri, April 1972, reports results from the recent increased attention to geographic learning and teaching at the college level. The authors are concerned about further focusing on student learning rather than teacher comfort.

72-301 SO

Morrissett, Irving, ed.; Wiley, Karen B., ed. **The Environmental Problem. Selections from Hearings on the Environmental Education Act of 1970** 1971. 239p. (Book) ED 056 922 RIE March 1972 MF-$0.65; HC-Social Science Education Consortium, Inc., 855 Broadway, Boulder, Colorado 80302 (Paperback, $6.95 Hard Copy $8.95)

Ecology, Educational Legislation, Environment, Environmental Education, Federal Legislation [Environmental Education Act of 1970]

Presented is the record of the hearings which contains testimony from a wide cross-section the population. The testimony ranges from very high level, abstract, global thinking to detailed descriptions of specific action programs. The record has been carefully edited and condensed in order to present the essential themes, and a wide variety of viewpoints.

72-302 SO

Risinger, Fred; Radz, Michael **Social Studies Projects Tour: An Informal Report** 1971. 30p. (Paper) ED 055 939 RIE February 1972 MF-$0.65; HC-$3.29

Curriculum Development, Curriculum Research, Curriculum Study Centers, Projects, Social Studies

Information about 40 social studies/social science centers and projects is brought up to date as of late spring 1971. This publication differs from the directories and summaries of the projects begun in the late 1960's in that the reports are based on personal interviews. The related directories and summaries are: 1) ED 041 814 RIE December 1970, 2) ED 042 671 RIE January 1970, 3) ED 050 003 RIE August 1971, and 4) ED 051 059 RIE September 1971.

72-303 SO

Sander, Daryl L. **Adolescent Alienation; Some Ideas and Approaches for Social Studies Teachers** May 1972. 17p. (Interpretative Series) ED 062 224 RIE August 1972 MF-$0.65; HC-$3.29

Relevance (Education), Social Studies, Student Alienation

The author interviewed Dr. Keith Davis, Dr. Edward Shoben and Dr. Gilbert Wrenn and from their provocative ideas and his own experience in teacher education and counseling, wrote this paper to help social studies teachers gain perspective on reading for the alienated students in the classroom.

72-304 SO

Senn, Peter R.; Binkley, Joanne L. **Consumer Education: Questions and Resources** 1971. 17p. (Paper) ED 055 931 RIE February 1972 MF-$0.65; HC-$3.29

Consumer Economics, Consumer Education, Curriculum Planning, Media Selection, Social Studies

Joseph N. Uhl's Survey and Evaluation of Consumer Education Programs in the United States (ED 038 549 RIE September 1970) is the source of this information and the basis for this brief guide. The first part raises 15 questions on consumer education as part of the social studies that should be considered. The second part of the paper describes some of the major sources of information on curriculum planning and consumer guidance.

72-305 SO

Tom, Alan; Woodley, Celeste P. **Classroom Observation and Analysis: Sources for Social Studies Teachers** 1971. 76p. (Paper) ED 053 047 RIE November 1971 MF-$0.65; HC -$3.29

Affective Behavior, Behavioral Science Research, Classroom Observation Techniques, Congnitive Processes, Social Studies

Abstracted are more than 30 sources selected for their usefulness in providing contexts and specific illustrations for understanding observation and analysis. 22 additional sources are listed in a bibliography.

72-306 SO
Watt, Lois B., comp.; Thomas, Myra H., comp. **Environmental-Ecological Education: A Bibliography of Fiction, Nonfiction and Textbooks for Elementary and Secondary Schools** 1971. 36p. (Annotated Bibliography) ED 055 937 RIE February 1972 MF-$0.65; HC-$3.29

Childrens Books, Conservation Education, Ecology, Environmental Education, Social Studies

Acquisitions received between January 1st 1969 and May 25, 1971 by the educational Materials Center of the National Center for Educational Communication is the basis for this bibliography. The books annotated were selected on the basis of: 1) publication during this period; 2) critical reception or favorable review by at least two professional journals; and 3) ecological content.

72-307 SP
Arnstine, Donald **The Humanistic Foundations in Teacher Education** January 1972. 68p. (Paper) ED 058 154 RIE April 1972 MF-$0.65; HC-$3.29

Educational History, Educational Philosophy, Foundations of Education, Teacher Education Curriculum

Explored is the role the foundations studies might play in the preparation of teachers. It concentrates on the humanistic foundations of education, which are defined as the history and philosophy of education and the social foundations of education.

72-308 SP
Bowman, Garda W.; Anderson, Wilton **Structured Career Development from Teacher Aide to Teacher--And Beyond** August 1971. 60p. (Monograph) ED 054 047 RIE December 1971 MF-$0.65; HC-$3.29

Career Ladders, Career Opportunities, Paraprofessional School Personnel, Program Development, Teacher Education

In the first of the two papers in this monograph, the author describes the concepts of career ladders and career lattices for paraprofessionals in education and the recent implementation of these concepts. The various benefits resulting from a career ladder and paraprofessional program are discussed. The second paper describes the Career Opportunities Program of the U.S. Office of Education.

72-309 SP
Bulger, Paul G. **Education as a Profession** January 1972. 25p. (Paper) ED 059 148 RIE May 1972 MF-$0.65; HC-$3.29

Educational History, Educational Practice, Professional Occupations, Professional Recognition, Teacher Education

Traced is the development of professionalism in teacher education. Current issues in professionalism are the increased emphasis on academic subjects in teacher education programs, increased student-teaching experience and higher admission standards, increased militancy in the local and state professional negotiations, the need for more educators with doctor of arts degrees, the problems caused by teacher tenure, the need for greater academic freedom, the growth of differential staffing, lack of cooperation between teachers and administrators, and accreditation and licensing of teachers.

72-310 SP
Clothier, Grant M.; Hudgins, Bryce B. **Unique Challenges of Preparing Teachers for Inner-City Schools. Progress and Prospects** August 1971. 26p. (Paper) ED 056 971 RIE March 1972 MF-$0.65; HC-$3.29

Inner City, Teacher Characteristics, Teacher Edcuation, Teacher Programs, Urban Education

The first half of this paper traces the growth of the awareness of the need for the preparation of inner-city school teachers through the writings of leading educators and through an examination of teacher education programs. The second part of the paper deals with future prospects for inner-city teacher education and examines the challenges facing the teacher, economic factors affecting teacher supply and demand, and the desirable characteristics of inner-city teachers.

72-311 SP
Cooper, James M.; And Others **Microteaching: Selected Papers** September 1971. 63p. (Paper) ED 055 960 RIE February 1972 MF-$0.65; HC-$3.29

Inservice Teacher Education, Microteaching, Preservice Education, Teacher Education, Teaching Skills

This is the second of a series of three bulletins dealing with "Supervisory Strategies in Clinical Experiences." The first of the two papers: defines microteaching, outlines its history, explains its rationale and uses in preservice and inservice training in the Peace Corps, counseling, supervisor training, and the training of college teachers. There is a bibliography of 58 items. The second paper discusses: 1) the original Stanford Teacher Education Project, 2) the Brigham Young University Program, and 3) the San Jose.

72-312 SP
Cruickshank, Donald R. **Simulation as an Instructional Alternative in Teacher Education** 1971. 33p. (Paper) ED 053 067 RIE November 1971 MF-$0.65; HC-$3.29

Inservice Teacher Education, Preservice Education, Simulation, Teacher Education

Six examples of simulation in preservice and inservice teacher education are described. Each description includes information on: purpose, form, use, specific advantages and drawbacks, and whom to contact for further information. Discussed are the general advantages of simulation and the specific advantages of using it in conjunction with student teaching, as part of the college-based teacher education program, and in inservice and graduate education.

72-313 SP
Furst, Norma; And Others **Interaction Analysis: Selected Papers** November 1971. 58p. (Paper) ED 055 961 RIE February 1972 MF-$0.65; HC-$3.29

Classroom Observation Techniques, Educational Research, Effective Teaching, Interaction Process Analysis, Teacher Education

This is the third in a series on "Supervisory Strategies in Clinical Experiences." The first paper concentrates on those studies which were designed to teach the Flanders behavior recording technique to preservice educators. The second paper sets out the case for observation systems in evaluating teacher effectiveness. The third paper describes four supervisory conference procedures.

72-315 SP
Haberman, Martin **Guidelines for the Selection of Students into Programs of Teacher Education** April 1972. 45p. (Monograph) ED 063 247 RIE September 1972 MF-$0.65; HC-$3.29

Admission Criteria, Open Enrollment, Educational Supply, Teacher Education, Teacher Selection

In order to develop guidelines for improving the process of selecting students for teacher education programs, this paper synthesizes relevant evidence regarding human development, adult learning, college influence, college student characteristics, and present selection practices.

72-316 SP
Howsam, Robert **The Governance of Teacher Education** April 1972. 24p. (Monograph) ED 062 270 RIE August 1972 MF-$0.65; HC-$3.29

Teacher Education, Governance, Professional Education, Intellectual Disciplines, College Role

This paper develops three theses: (1) Education generally and teacher education in particular are disadvantaged by faulty governance systems and structures, (2) Many of the problems of education stem directly or indirectly from these faulty structures; (3) There is urgent need for a whole new set of assumptions about the governance of teacher education.

72-317 SP
James, Richard L., comp. **Directory of Multicultural Programs in Teacher Education** September 1971. 94p. (Directory) ED 055 964 RIE February 1972 MF-$0.65; HC-$3.29

College Programs, Cultural Education, Intercultural Programs, Teacher Education, Teacher Colleges

Data has been collected from 300 institutions prior to July 1, 1971. The directory provides a useful source of information on who is doing what and where concerning multicultural programs in teacher education. Programs are listed by state, and a contact person is named in each instance so that further information may be obtained.

72-318 SP
Kohlberg, Lawrence; Selman, Robert L. **Preparing School Personnel Relative to Values: A Look at Moral Education in the Schools** January 1972. 60p. (Paper) ED 058 153 RIE April 1972 MF-$0.65; HC-$3.29

Ethical Instruction, Individual Development, Maturation, Moral Values, Personal Growth

Moral teaching is defined as the process of open discussion aimed at stimulating the child to move to the next step in his development. The topics examined are: (a) definition of "good behavior"; (b) the teacher's initial task; (c) sequence of child's judgment; (d) encouragement of actions with level of judgment; and (e) discrepancies between judgment and action. The teacher must be concerned about the child's moral judgments rather than about conformity with the beliefs and judgments of the teacher.

72-319 SP
Kuschman, William E. **Overseas Student Teaching Programs: A Survey of American Collegiate Participation** June 1972. 29p. (Survey) ED 063 261 RIE September 1972 MF-$0.65; HC-$3.29

Intercultural Programs, Teacher Education, Teacher Education Curriculum, Teaching Experience, Teaching Programs

This study identifies those colleges and universities in the United States which sponsor or collaborate on overseas student teaching programs. The survey is set up as follows: programs are reported by state; reporting has been limited to overseas student teaching programs; and only programs in operation during the development of the survey are included. Six recommendations are made.

72-320 SP
Mathieson, Moira B. **Beginning Teachers in the Inner City: A Study of the Literature on Their Problems and Some Possible Solutions** 1971. 109p. (Literature Review) ED 050 028 RIE August 1971 MF-$0.65; HC-$6.58

Beginning Teachers, Inner City, Problems, Relevance (Education), Teacher Education, Urban Teaching

In addition to reviewing the literature, this paper points out some steps that have been taken in both preservice and inservice teacher education to alleviate problems. Much attention is given to research reports, program descriptions, program proposals, and comments by beginning teachers themselves. The author concludes that important ingredients for successful urban teaching are the attitude of the prospective teacher and early, extensive preservice experience. A 137-item annotated bibliography is included.

72-321 SP
McGeoch, Dorothy M. **The Campus Laboratory School: Phoenix or Dodo Bird?** June 1971. 39p. (Report) ED 050 046 RIE August 1971 MF-$0.65; HC-$3.29

College School Cooperation, Educational Improvement, Laboratory Schools, Student Teaching, Teacher Education

The development of the campus laboratory school is traced from its origins in Europe in the seventeenth century and in the United States normal school schools of the 1820's. The new emphasis is on a joint enterprise by public schools, universities and colleges, the community, and related public agencies. The means of disseminating the results of experimentation and research must be improved if campus schools are to have a useful future, and there must be opportunities for curriculum development and professional leadership.

72-322 SP
McKenna, Bernard H.; And Others **Teacher Evaluation: An Annotated Bibliography** 1971. 29p. (Annotated Bibliography) ED 055 988 RIE February 1972 MF-$0.65; HC-$3.29

Teacher Evaluation

In his introduction to the 86-item annotated bibliography by Mueller and Poliakoff, McKenna discusses his views on teacher evaluation and his impressions of the documents cited. He observes, in part, that the current concern is with the process of evaluation and that most researchers continue to believe that student achievement is the most reliable measure.

72-323 SP
Pilecki, Francis J. **The Interrrelation of Systems: A Systems Look at Where Teacher Education Fits into the Whole of Education, University, and Society** January 1972. 19p. (Paper) ED 059 150 RIE May 1972 MF-$0.65; HC-$3.29
Models, Systems Analysis, Teacher Education
Following an introductory section outlining basic concepts of systems theory, this paper presents a model for the examination of the relationship between formalized teacher education and larger systems. These systems include the university system, the field of education as a system, and the societal system in general. Sample data is provided for each matrix based on a study of the literature. It is suggested that the model would be most useful in specific research performed within a given region or national subsystem.

72-324 SP
Poliakoff, Lorraine **Teacher Centers: An Outline of Current Information** May 1972. 34p. (Outline) ED 062 302 RIE August 1972 MF-$0.65; HC-$3.29
Consortia, Educational Coordination, Coordination, College School Cooperation, Teacher Education [Teacher Centers]
Information for this outline was taken from unpublished documents, most of which were written in 1971 and 1972. Topics covered include rationale behind teacher centers; types, functions, clientele, staffing, and financing of teacher centers; parity; USOE management of educational renewal; numbers of teacher centers; and the educational extension agent.

72-325 SP
Zintz, Miles V.; And Others **The Implications of Bilingual Education for Developing Multicultural Sensitivity Through Teacher Education** September 1971. 76p. (Monograph) ED 054 071 RIE December 1971 MF-$0.65; HC-$3.29
Bilingual Education, Cross Cultural Training, Cultural Differences, English (Second Language), Teacher Education
Teachers must be continuously alert to the difference in languages, values, and customs and seek to understand their students as real people. Otherwise the student who must learn English as a second language develops insecurity. The second language should be introduced systematically but gradually. The student should acquire the concepts and skills of two languages, and should attain a positive self-image through the understanding of the value of his own culture.

72-326 TE
Dieterich, Daniel J. **Diserroneosospellingitis or the Fine (Language) Art of Spelling** *Elementary English*, v49 n2, pp. 245-253, February 1972. 9p. (Journal Article)
Spelling Instruction, English Instruction, Educational Research, Spelling, Research Reviews (Publications)
Updated is a 1969 NCTE/ERIC report on spelling by reviewing the research and theory that has become available since then and by describing ERIC documents that have been filed since the earlier report.

72-327 TE
Dieterich, Daniel J. **NCTE/ERIC Summaries & Sources--The Mod Mod World of Flexible Modular Scheduling** *English Journal*, v60 n9, pp.1264-1271, December 1971. 8p. (Journal Article)
Flexible Scheduling, Computer Oriented Programs, Schedule Modules, Independent Study, High Schools
The purpose of this article is to discuss the operation of flexible modular scheduling of high school English courses, to present the advantages and disadvantages of this procedure, and to describe several ERIC documents which can provide further information and/or guidance on the subject.

72-328 TE
Dieterich, Daniel J. **Performance Contracting: Pot of Gold? or Pandora's Box?** *Elementary English*, v49 n4, pp.612-621, April 1972. v61 n4, pp606-614, April 1972. 10p. (Journal Article)
Performance Contracts, Academic Achievement, Performance Criteria
Discussed are the advantages and disadvantages seen by experts in performance contracting and describes several ERIC documents dealing with the same controversy.

72-329 TE
Dieterich, Daniel J. **Student Unrest and Student Participation in Curriculum Planning** *English Journal*, v61 n3, pp.443-449, March 1972. 7p. (Journal Article)
Student Attitudes, Curriculum Planning, Activism, Student Participation
Reviewed are recent developments with regard to student unrest and student involvement in curriculum planning in high school, and described are several ERIC documents that offer practical guidance to involve students in curriculum development as a means of addressing the causes of student unrest.

72-330 TE
Dieterich, Daniel J. **Teaching Cultural Appreciation through Literature** *English Journal*, v61 n1, pp.142-147, January 1972. 6p. (Journal Article)
Cultural Awareness, World Literature, Literature [National Council of Teachers of English]
Discussed is the humanizing influence of literature as an effort at cross-cultural education with the emphasis on American minority groups and other national cultures and described are several ERIC documents that can shed additional light and help on the subject.

72-331 TE
Dieterich, Daniel J. **What News Is Fit to Print in the High School Press?** *English Journal*, v61 n2, pp.296-301, February 1972. 6p. (Journal Article)
Journalism, Secondary Education
Reviewed are some of the problems faced by high school newspaper advisors and journalism teachers in the context of the purposes of high school newspaper programs, to acquaint these teachers with the availability of materials suitable for their use in the ERIC system, and to describe several ERIC documents treating different aspects of high school journalism.

72-332 TE
Eble, Kennth E. **Preparing College Teachers of English** March 1972. 26p. (Monograph) ED 062 321 RIE August 1972 MF-$0.65; HC-$3.29
Questionnaires, Attitudes, College Instruction, Teacher Education, English Instruction
This monograph reviews the state of the art of training and preparing teachers to teach college-level English and suggests the kinds of changes that would improve that preparation and training.

72-333 TE
Feld, Merle; And Others **ERIC Documents on the Teaching of English--Volume 6: January-June 1971** April 1972. 38p. (Bibliography) ED 061 215 RIE July 1972 MF-$0.65; HC-$3.29
Bibliographies, English (Second Language), English Curriculum, English Education, English Instruction
Provided is a single, easily-updated source to which researchers and teachers can refer to find English-related documents available through the ERIC system.

72-334 TE
Feld, Merle, ed. **ERIC Documents on the Teaching of English--Volume 7: July-December 1971** May 1972. 37p. (Bibliography) ED 062 320 RIE August 1972 MF-$0.65; HC-$3.29
Bibliographies, English (Second Language), English Curriculum, English Education, English Instruction
This document provides a single, easily-updated source to which researchers and teachers can refer to find English-related documents available through the ERIC system.

72-335 TE
Getz, Howard G. **Paraprofessionals in the English Department** April 1972. 106p. (Monograph) ED 062 322 RIE August 1972 MF-$0.65; HC-$6.58
English Departments, English Programs, Teacher Aides, Paraprofessional School Personnel, English Education
The use of paraprofessionals in secondary school English departments in a three-state area (Illinois, Indiana, and Michigan) is determined and evaluated. Recommendations for more effective use of paraprofessionals are made. Twenty-three tables and a bibliography are included.

72-336 TE
Kirkton, Carole **NCTE/ERIC Report: Once Upon A Time...Folk Tales and Storytelling** *Elementary English*, v48 n8, pp.1024-1032, December 1971. 9p. (Journal Article)
Folklore Books, Folk Culture
The value of folk tales and storytelling in fostering children's imagination (prerequisite for literary appreciation) and in developing oral language abilities is discussed and described are several ERIC documents that provide further assistance to classroom teachers

72-337 TE
Kirkton, Carole **NCTE/ERIC Summaries & Sources--Media Literacy: Focus on Film** *English Journal*, v60 n6, pp.831-838, September 1971. 8p. (Journal Article)
Film Study, English Instruction, Perceptual Development, Audiovisual Communication, Visual Literacy
Reviewed are current theories on the implications for English instruction of a variety of non-print media (including film) and described are several ERIC documents which provide practical guidance to film study for secondary level English teachers.

72-338 TE
Kirkton, Carole **Performance Certification: an ERIC Report** *English Education*, v3 n1, pp.25-29, Fall 1971. 5p. (Journal Article)
Educational Certification, Teacher Background, Credentials, Performance Criteria, Evaluation
Discussed is the rationale behind the development of performance-based criteria for teacher certification and indicated are some of the implications of performance certification for the preparation of teachers of English.

72-339 TE
Kirkton, Carole M., comp. **Teacher Training Films: A Guide, Pre-Service and In-Service** August 1971. 36p. (Annotated Bibliography) ED 055 081 RIE January 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, English Instruction, Student Behavior, Teacher Attitudes, Teaching Methods
A guide to sources of films and videotapes which would be useful in teaching future teachers of English is offered to trainers of teachers of English and English Education specialists.

72-340 TE
Lauter, Nancy A.; Dieterich, Daniel J. **Woman's Place in Academe** *English Education*, v3 n3, pp.169-173, Spring 1972. 5p. (Journal Article)
Womens Education, Discriminatory Attitudes (Social) [Womens Rights]
This article was written to familiarize the academic community with the nature and extent of discrimination against women in American colleges and universities by reviewing research in and editorial commentary on this area in two ERIC documents.

72-341 TE
Lundsteen, Sara W. **Listening: Its Impact on Reading and the Other Language Arts** September 1971. 145p. (State-of-the-Art Review) ED 057 030 RIE March 1972 HC-The National Council of Teachers of English, Kenyon Road, Urbana, Illinois 61801 (Stock No. 50517: 1111 $2.00)
Instructional Materials, Language Arts, Listening Skills, Teaching Techniques, Test Reviews
Aimed at the whole of the profession, but particularly at language arts teachers, supervisors, department heads, and the teachers of elementary level, this report reviews for them the state of the knowledge about listening and indicates ways this knowledge can be applied in language arts instruction, particularly in teaching reading.

72-342 TE
Madison, John P. **Innovations and the Elementary School Curriculum** *Elementary English*, v49 n3, pp.234-242, March 1972. 9p. (Journal Article)
Elementary School Curriculum, Elementary Grades, Educational Accountability, Innovation, Curriculum Planning
This article was written to review recent theory and developments in curriculum planning for the elementary grades and to describe several ERIC documents which discuss or give practical guidance on such subjects as accountability, behavioral objectives, the voucher system, various ways of

staffing, environmental education, and computer-assisted instruction.

72-343 TE
Madison, John P. **Learning Disabilities** *Elementary English*, v49 n1, pp.134-141, January 1972. 8p. (Journal Article)
Learning Disabilities, Elementary School Students, Underachievers
Defined and discussed are the major categories of learning disabilities likely to be encountered in the elementary school classroom and suggested are ways to deal with them described in several ERIC documents that provide guidance to specific administrative and educational solutions.

72-344 TE
Madison, John P. **NCTE/ERIC Report: The Language Experience Approach to Teaching Reading** *Elementary English*, v48 n6, pp.682-688, October 1971. 7p. (Journal Article)
Beginning Reading, Reading Instruction, Book Reviews, Reading Programs, Language Experience Approach, Teaching Techniques
This article is designed to review, for elementary school language arts teachers and their supervisors and administrators, the historical development of the language experience approach to teaching reading, to describe the process, and to indicate its current implementation; and to describe several ERIC documents that offer further information on the subject.

72-345 TE
Madison, John P. **NCTE/ERIC Report: The Slow Learner: A Winner at Last?** *Elementary English*, v48 n7, pp.896-901, November 1971. 6p. (Journal Article)
Annotated Bibliographies, Literature Reviews, Slow Learners, Low Ability Students, Curriculum Design
Discussed are the characteristics of the "slow learner" and suggested are ways of dealing with him, ways that incorporate sound educational objectives as outlined by several ERIC documents described herein.

72-346 TE
Madison, John P. **NCTE/ERIC Summaries & Sources--Critical Thinking in the English Classroom** *English Journal*, v60 n8, pp.1133-1140, December 1971. 8p. (Journal Article)
Critical Thinking, Evaluative Thinking, Problem Solving, Literary Analysis, Programed Instruction
Current theory on the nature of the critical thinking process is reviewed; shown is how critical thinking skills can be developed in the study of language and literature, and described are several ERIC documents that offer practical guidance to the teacher of critical thinking in the English classroom.

72-347 TE
Milosh, Joseph E., Jr. **Teaching the History of the English Language in the Secondary Classroom** April 1972. 102p. (Monograph) ED 062 356 RIE August 1972 MF-$0.65; HC-$6.58
English, English Instruction, Diachronic Linguistics, Secondary Education, Teaching Techniques
Surveyed are the methods and extent of teaching the history of the language in high schools today, and suggests materials and methods for the future.

72-348 TE
Smith, Holly D. S., comp. **Class Size--Does it Make a Difference?** October 1971. 20p. (Annotated Bibliography) ED 058 210 RIE April 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Class Size, Educational Research, Literature Reviews, English Instruction
This document was written to collect and describe documents dealing with current theory about class size and its relationship to effectiveness in classroom instruction, with the additional object of providing background information to an ad hoc committee of the NCTE Committee on Research to assist them in drafting a position statement on the subject.

72-349 TE
Smith, Holly D. S., comp.; Dieterich, Daniel J., comp. **A Selected Annotated Bibliography on Teacher Preparation and Certification** October 1971. 19p. (Annotated Bibliography) ED 058 208 RIE April 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Data Collection, English Instruction, Teacher Certification, Teacher Education
Prepared especially for the NCTE Advisory Council and for an NCTE Affiliate's meeting at the annual NCTE convention, this Task Focus Report collects and describes documents dealing with current theory about teacher preparation and certification and its relationship to effective teaching and the teacher's role in a changing society.

72-350 TE
Thiess, Carolyn W., ed.; Kirkton, Carole M., ed. **ERIC Documents on the Teaching of English, Volume 5: July-December 1970** August 1971. 73p. (Index) ED 056 026 RIE February 1972 MF-$0.65; HC-$3.29
Bibliographies, English (Second Language), English Curriculum, English Instruction, TENL
This document is designed to provide a single, easily-updated source to which researchers and teachers can refer to find English-related documents available through EDRS and to find journal articles which have been indexed in CIJE.

72-351 TE
Turner, Darwin T.; Stanford, Barbara Dodds **Theory and Practice in the Teaching of Literature by Afro-Americans** December 1971. 106 p. (State-of-the-Art Review) ED 057 062 RIE March 1972 MF-$0.65; HC-$6.58
Curriculum Design, English Curriculum, Literature Programs, Negro Literature, Teaching Techniques
Aimed at secondary English teachers and their supervisors as well as teachers of methods courses for future English teachers, this paper is intended to stimulate the use of meaningful minority literature in the classroom by surveying the extent to which black literature is being used in the teaching of English and by showing what is available and how it can best be used.

72-352 TM
Test Bias: A Bibliography June 1971. (Bibliography) ED 051 312 RIE September 1971 MF-$0.65; HC-$3.29
Bibliographies, Minority Groups, Personnel Selection, Social Discrimination, Test Bias
This bibliography, which lists selected articles, research reports, monographs, books, and reference works, is limited to material which deals directly with the question of test bias. References listed cover the period from 1945 to the present and are grouped under two main headings: General Educational References and Employment References.

72-353 TM
Boyd, Joseph L., Jr.; Shimberg, Benjamin **Developing Performance Tests for Classroom Evaluation** June 1971. 17p. (Paper) ED 052 259 RIE October 1971 MF-$0.65; HC-$3.29
Evaluation Techniques, Performance Criteria, Performance Tests, Test Construction
The importance of measuring performance and the advantages of using performance tests are discussed. Developing the test involves identifying the objectives to be measured, the task to be performed and the time required for its performance. Finally, the factors involved in grading the performance test are detailed, including a discussion of the relative importance of product and process evaluations.

72-354 TM
Bryan, Miriam M. **Ability Grouping: Status, Impact and Alternatives** June 1971. 15p. (Paper) ED 052 260 RIE October 1971 MF-$0.65; HC-$3.29
Ability Grouping, Academic Achievement, Educational Improvement, Grouping Procedures, Standardized Tests
It is contended that ability grouping results in a trend toward improved achievement in superior groups and poorer achievement in the average or low groups. In addition, it tends to reinforce favorable self concepts in those assigned to high achievement groups and unfavorable self concepts in those assigned to low achievement groups. In view of the apparent inadequacies of present grouping practices, alternative strategies are recommended.

72-355 TM
Campbell, Paul B.; Beers, Joan S. **1971 AERA Conference Summaries--I. Evaluation: The State of the Art** *TM Report Number 11*, January 1972. 17p. (Conference Report) ED 060 043 RIE June 1972 MF-$0.65; HC-$3.29
Conference Reports, Evaluation, Evaluation Methods, Evaluation Techniques, Measurement Techniques [American Educational Research Association]
Twenty-six papers on evaluation, which were presented at the 1971 American Educational Research Association Convention, are summarized. The papers range from a general overview of evaluation concepts to quite specific evaluative applications. A group of reports concerning state assessment efforts in Florida and Michigan is given separate treatment. A list of additional, related references is included.

72-356 TM
Davis, Frederick B. **1971 AERA Conference Summaries: II. Criterion Referenced Measurement.** *TM Report Number 12*, March 1972. 20p. (Conference Report) ED 060 134 RIE June 1972 MF-$0.65; HC-$3.29
Conference Reports, Criterion Referenced Tests, Literature Reviews, Test Construction, Tests
Thematic summaries of those papers from the 1971 annual meeting of the AERA dealing specifically with criterion-referenced measurement are presented. An evaluative commentary by the writer is also included.

72-357 TM
Dyer, Henry S.; Rosenthal, Elsa **State Educational Assessment Programs: An Overview** December 1971. 13p. (Report) ED 058 309 RIE April 1972 MF-$0.65; HC-$3.29
Educational Objectives, Program Evaluation, State Programs, State Surveys, Testing Programs
This is an edited version of the overview chapter from a report on a 1971 survey of state educational assessment programs. The procedures used in carrying out the survey are described, and a number of major trends in the approach to state assessment are discussed. Finally, some of the more important problems encountered by the states in their assessment efforts are outlined.

72-358 TM
Ebel, Robert L. **1971 AERA Conference Summaries: IV. Test Development, Interpretation, and Use** *TM Report Number 14*, 17p. (Conference Report) ED 060 135 RIE June 1972 MF-$0.65; HC-$3.29
Creativity Tests, Performance Factors, Testing, Test Construction, Test Validity [American Educational Research Association]
Presented is a thematic summary of the AERA papers dealing with test development, interpretation, and use, presented at the 1971 meeting in New York City. Papers were grouped into the following categories: test development and validation; inventory development and validation; measurement of creativity; factors in test performance; use of tests to measure status or change; use of tests to predict; and use of tests to foster learning.

72-359 TM
Guthrie, P.D. **Measures Pertaining to Health Education: I. Smoking. An Annotated Bibliography** *TM Report Number 8*, January 1972. 20p. (Annotated Bibliography) ED 060 042 RIE June 1972 MF-$0.65; HC-$3.29
Annotated Bibliographies, Health Education, Smoking, Tests, Tobacco
Described are instruments pertaining to smoking attitudes, behaviors, knowledge, and correlates. Information concerns test purpose, intended groups, test subdivisions, administration, scoring, interpretation, and standardization.

72-360 TM

Keller, Claudia M. **Criterion Referenced Measurement: A Bibliography** *TM Report Number 7,* January 1972. 14p. (Bibliography) ED 060 041 RIE June 1972 MF-$0.65; HC-$3.29

Bibliographies, Criterion Referenced Tests, Literature Reviews, Test Reviews, Measurement Techniques, Test Selection

Listed are selected articles, research reports, monographs, books, and reference works related to criterion-referenced measurement. It is limited primarily to material which deals directly with criterion-referenced tests and testing procedures, and includes reports on computer-assisted test construction and the adaptation of criterion-referenced tests to individualizing learning and instruction. References listed cover the period from 1965 to the present.

72-361 TM

Penfield, Douglas A. **1971 AERA Conference Summaries: III. Educational Statistics** *TM Report Number 13,* March 1972. 21p. (Conference Report) ED 060 133 RIE June 1972 MF-$0.65; HC-$3.29

Factor Analysis, Multiple Regression Analysis, Research Methodology, Research Reviews (Publications), Statistical Analysis [American Educational Research Association]

Thirty-four papers on educational statistics which were presented at the 1971 AERA Conference are summarized. Six major interest areas are covered: (a) general information; (b) non-parametric methods; (c) errors of measurement and correlation techniques; (d) regression theory; (e) univariate and multivariate analysis; (f) factor analysis.

72-362 TM

Rosen, Pamela **Tests of Basic Learning for Adults: An Annotated Bibliography** November 1971. 21p. (Annotated Bibliography) ED 058 274 RIE April 1972 MF-$0.65; HC-$3.29

Achievement Tests, Adult Basic Education, Adult Learning, Annotated Bibliographies, Aptitude Tests

Brief annotations of currently available basic learning tests, which were either specifically designed for adults or modified for use with adults, are presented. Information given for each measure includes author; source; purpose; nature of the materials; groups for which it is intended; information on administration, scoring, interpretation, standardization, and availability of norms; and reliability and validity data.

72-363 TM

Swineford, Frances **1971 AERA Conference Summaries: Innovations in Measurement** *TM Report Number 15,* January 1972. 12p. (Conference Report) ED 060 044 RIE June 1972 MF-$0.65; HC-$3.29

Classroom Techniques, Conference Reports, Innovation, Measurement Instruments, Measurement Techniques [American Educational Research Association]

Seventeen 1971 AERA presentations concerning new measurement procedures or new application of old procedures are summarized. Papers are grouped as follows: 1) statistics and measurements of interest to classroom teachers; 2) measures appropriate for use by a specialist; 3) research reports that increase knowledge of existing devices.

72-364 UD

Barabas, Jean; Jayatilleke, Raja **Directory of Information Sources on the Disadvantaged** *ERIC-IRCD Urban Disadvantaged Series, Number 25,* November 1972. 65p. (Directory) ED 058 328 RIE April 1972 MF-$0.65; HC-$3.29

Directories, Information Sources, Disadvantaged Groups, Publications, Annotated Bibliographies

Listing is arranged in two sections. Section I is on the Federal Government educational information sources serving the public, such as ERIC, regional educational laboratories, research and development centers, and the like. Section II, the private and semi-private sectors, deals with service agencies, professional organizations, research and development agencies, libraries, and foundations.

72-365 UD

Duphiney, Lorna **Oriental-Americans: An Annotated Bibliography** *ERIC-IRCD Urban Disadvantaged Series, Number 26,* February 1972. 29p. (Annotated Bibliography) ED 060 136 RIE June 1972 MF-$0.65; HC-$3.29

Japanese Americans, Ethnic Studies, Chinese Americans, Annotated Bibliographies, Disadvantaged Youth

Dealt with is material published since 1960 relating to Japanese-Americans and Chinese-Americans; focused on are articles about social, economic, and educational development of the two groups. Regarding geographic location, items listed initially focus on Orientals in their homelands, and later turn to Oriental and American comparisons, and lastly to Orientals living in the U.S.

72-366 UD

Goldberg, Gertrude S. **Deschooling and the Disadvantaged: The Implications of the Illich Proposals** *IRCD Bulletin,* v7 n5, November 1971. 12p. (Paper) ED 064 421 RIE October 1972 MF-$0.65; HC-$3.29

Social Change, Disadvantaged Youth, Public Education, School Attendance Laws, Education Vouchers, Equal Education

Presented is a critique of Ivan Illich's proposal "to liberate the learner from the unnatural control of prescriptive and compulsory schooling" by disestablishing the public schools. It suggests that attempts should be made to determine the educational effects of partial deschooling, in order to cease justifying educational freedom solely by declaring it an "inalienable right."

72-367 UD

Jablonsky, Adelaide **Directory of Compensatory Education Programs** *IRCD Bulletin,* v7 n3, Summer 1971. 24p. (Directory) ED 059 307 RIE May 1972 MF-$0.65; HC-$3.29

Curriculum Development, Program Development, Directories, Compensatory Education Programs, Program Length

Listed are the most successful or promising programs in the area of compensatory education. Information was obtained through a questionnaire sent to 350 persons representing heads of agencies dealing with education throughout the nation. Programs are listed by state and city. The longevity of each program is indicated.

72-368 UD

Jablonsky, Adelaide **Status Report on Compensatory Education** *IRCD Bulletin,* v7 n1 and n2, Winter-Spring 1971. 23p. (Report) ED 056 133 RIE February 1972 MF-$0.65; HC-$3.29

Compensatory Education, Compensatory Education Programs, School Integration

The subject of this issue is the status of compensatory education. Past programs are reviewed, and new effective programs are described. Field reports on various local school integration programs are presented, including programs in Pontiac, Michigan; Ypsilanti, Michigan; and the South.

72-369 UD

Jayatilleke, Raja **Human Relations in the Classroom: An Annotated Bibliography; Supplement 1** *ERIC-IRCD Urban Disadvantaged Series, Number 28,* June 1972. 102p. (Annotated Bibliography) ED 064 417 RIE October 1972 MF-$0.65; HC-$6.58

Classroom Environment, Human Relations, Race Relations, Teacher Attitudes, Student Attitudes

This annual supplement to the first bibliography on human relations in the classroom covers the period April-December 1971 for items announced in RIE, and May-December 1971 for journal articles cited. Items cited deal with such issues as race relations, racial attitudes, self-concept, social influences, cultural differences, psychological identification, and ethnic studies.

72-370 UD

Mills, Nicolaus **Busing: Who's Being Taken for a Ride** *ERIC-IRCD Urban Disadvantaged Series, Number 27,* June 1972. 25p. (Literature Review) ED 063 431 RIE September 1972 MF-$0.65; HC-$3.29

Political Issues, School Integration, Integration Methods, Educational Equality, Bus Transportation

Reviewed is the extant literature on busing, listing "myths and fictions" surrounding the current crisis over busing in an attempt to put the issue in perspective. Presents the view that the heart of the busing issue is not the problem of transportation but a national commitment to equality of opportunity for all.

72-371 UD

Mills, Nicolaus **Free Versus Directed Schools: Benefits for the Disadvantaged?** *IRDC Bulletin,* v7 n4, September 1971. 12p. (Paper) ED 059 342 RIE May 1972 MF-$0.65; HC-$3.29

Educational Philosophy, Classroom Design, Disadvantaged Youth, Educational Theories, Educational Practice

Analyzed are 12 schools in terms of a range from the most directed classroom to the freest. All of the programs proved successful in varying degrees and they have been chosen because they indicate the broad range of free and directed programs for disadvantaged children of all ages.

72-372 UD

Mills, Nicolaus **Schools and the Disadvantaged: A study in Political Strategy** *ERIC-IRCD Urban Disadvantaged Series, Number 24,* August 1971. 53p. (Monograph) ED 054 269 RIE December 1971 MF-$0.65; HC-$3.29

Community Control, Disadvantaged Youth, Political Issues, School Integration, Urban Education

Focused on is the politics of public education for the disadvantaged. Specifically, an attempt is made to describe the conditions under which the disadvantaged have sought to change the public schools by adopting one of two political strategies--integration or community control.

72-373 UD

Passow, A. Harry **Research and Development in Compensatory Education Abroad** *ERIC-IRCD Urban Disadvantaged Series, Number 23,* July 1971. 64p. (Report) ED 052 265 RIE October 1971 MF-$0.65; HC-$3.29

Comparative Education, Compensatory Education, Educational Change, Educational Development, Educationally Disadvantaged

In most countries in the world, the democratization of education is a major concern of educational and social planners. This report reviews and briefly describes research and development programs in countries other than the United States. The patterns being followed generally parallel activities in the U.S. "Disadvantaged" groups tend to be those of racial or ethnic minority group status, immigrants and inmigrants, and those of low socioeconomic or improverished status.

72-374 VT

Abstracts of Instructional Materials in Vocational and Technical Education (AIM), Fall 1971 123p. (Abstract Journal) ED 055 251 RIE January 1972 MF-$0.65; HC-$6.58

Abstracts, Indexes (Locaters), Instructional Materials, Technical Education, Vocational Education

Announced is the availability of instructional materials acquired and processed by the Educational Resources Information Center Clearinghouse on Vocational and Technical Education. It should be of particular interest to teachers, curriculum specialists, supervisors, and administrators. Author, subject, and document number indexes provide entry to the abstracts.

72-375 VT

Abstracts of Instructional Materials in Vocational and Technical Education (AIM), Spring 1971 159p. (Abstract Journal) ED 052 382 RIE October 1971 MF-$0.65; HC-$6.58

Annotated Bibliographies, Instructional Materials, Technical Education, Vocational Education

Announced is the availability of instructional materials acquired and processed by the Educational Resources Information Center Clearinghouse on Vocational and Technical Education. It should be of particular interest to teachers, curriculum specialists, supervisors, and administrators. An author index, document number index, and subject indexes are provided.

72-376 VT
Abstracts of Instructional Materials in Vocational and Technical Education (AIM), Summer 1971 154p. (Abstract Journal) ED 053 336 RIE November 1971 MF-$0.65; HC-$6.58
Annotated Bibliographies, Instructional Materials, Technical Education, Vocational Education
The availability of instructional materials acquired and processed by the Educational Resources Information Center Clearinghouse on Vocational and Technical Education is announced. It should be of particular interest to teachers, curriculum specialists, supervisors, and administrators involved in curriculum development or the use of instruction materials in the teaching-learning setting.

72-377 VT
Abstracts of Instructional Materials in Vocational and Technical Education (AIM), Volume 5, Number 1 1972. 111p. (Abstract Journal) ED 059 408 RIE May 1972 MF-$0.65; HC -$6.58
Abstracts, Indexes (Locaters), Instructional Materials, Technical Education, Vocational Education
This quarterly publication announces the availability of instructional materials acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. It should be of particular interest to teachers, curriculum specialists, supervisors, and administrators involved in curriculum development or the use of instructional materials in the teaching-learning setting.

72-378 VT
Abstracts of Instructional Materials in Vocational and Technical Education (AIM), Volume 5, Number 2 1972. 116p. (Abstract Journal) ED 062 570 RIE August 1972 MF-$0.65; HC-$6.58
Abstracts, Instructional Materials, Vocational Education, Technical Education, Indexes (Locaters)
Announced is the availability of instructional materials acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. It should be of particular interest to teachers, curriculum specialists, supervisors and administrators involved in curriculum development or the use of instructional materials in the teaching-learning setting.

72-379 VT
Abstracts of Instructional Materials in Vocational and Technical Education and Abstracts of Research and Related Materials in Vocational and Technical Education; Annual Index, 1970-71 1971. 701p. (Abstract Journal Index) ED 057 257 RIE March 1972 MF-$0.65; HC-$26.32 HC is also available from The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (Quarterly--one year $11.00, two years $18.00)
Bibliographics, Educational Research, Indexes (Locaters), Instructional Materials, Vocational Education
Provided are the combined cumulative indexes to the five issues of "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM) and "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) published Fall 1970 -Fall 1971. Researchers, supervisors, teacher educators, education specialists, administrators, and teachers may use this document as a tool in searching by author or by subject for materials acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education.

72-380 VT
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1971 1971. 214p. (Abstract Journal) ED 057 216 RIE March 1972 MF-$0.65; HC-$9.87
Abstracts, Educational Research, Indexes (Locaters), Technical Education, Vocational Education
Announced is the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials, and covers such subject areas as: administration and supervision, employment and occupations, individuals with special needs, research design, development and utilization and related research topics.

72-381 VT
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Spring 1971 258p. (Abstract Journal) ED 051 433 RIE September 1971 MF-$0.65; HC-$9.87
Annotated Bibliographies, Educational Research, Technical Education, Vocational Education
The availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education is announced. It contains abstracts of research and other materials which are useful to those who have an interest in vocational and technical education. Documents which to not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service.

72-382 VT
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Summer 1971 246p. (Abstract Journal) ED 054 381 RIE December 1971 MF-$0.65; HC-$9.87
Abstracts, Clearinghouses, Educational Research, Technical Education, Vocational Education
This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education.

72-383 VT
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Volume 5, Number 1 1972. 385p. (Abstract Journal) ED 060 222 RIE June 1972 MF-$0.65; HC-$13.16
Abstracts, Indexes (Locaters), Educational Research, Vocational Education, Technical Education
The availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education is announced. It contains abstracts of research and other materials on such subject areas as: administration and supervision, employment and occupations, individuals with special needs, research design, development and utilization, and related research topics.

72-384 VT
Abstracts of Research Materials in Vocational and Technical Education (ARM), Volume 5, Number 2 1972. 385p. (Abstract Journal) ED 063 480 RIE September 1972 MF-$0.65; HC-$13.16
Abstracts, Indexes (Locaters), Educational Research, Vocational Education, Technical Education
This quarterly publication announces the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials on such subjects as: administration and supervision, employment and occupations, individuals with special related research topics.

72-385 VT
Agricultural Education--Instructional Materials 1972. 451p. (Bibliography) ED 062 571 RIE August 1972 MF-$0.65; HC-$16.45
Instructional Materials, Abstracts, Resource Guides, Agricultural Education, Indexes (Locaters)
This compilation presents over 950 resumes of instructional materials in agricultural education, which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations, such as agribusiness, agronomy, animal and plant sciences, farm mechanics, floriculture, and off-farm agricultural occupations.

72-386 VT
Business and Office Education--Instructional Materials 1972. 128p. (Bibliography) ED 063 505 RIE September 1972 MF-$0.65; HC-$6.58
Instructional Materials, Abstracts, Resource Guides, Business Education, Indexes (Locaters)
Listed are over 200 resumes of instructional materials in business and office education, which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations such as accounting, bookkeeping, business administration, office management, recordkeeping, and stenography.

72-386 VT
Distributive Education--Instructional Materials 1972. 150p. (Bibliography) ED 062 576 RIE August 1972 MF-$0.65; HC-$6.58
Distributive Education, Abstracts, Instructional Materials, Indexes (Locaters), Resource Guides
Over 250 resumes of instructional materials in distributive education are presented, which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations, such as commercial art, cooperative education, credit, exhibits, marketing and salesmanship.

72-388 VT
Health Occupations Education--Instructional Materials 1972. 100p. (Bibliography) ED 062 575 RIE August 1972 MF-$0.65; HC-$3.29
Health Occupations Education, Resource Guides, Abstracts, Instructional Materials, Indexes (Locaters)
Presented are over 150 resumes of instructional materials in health occupations education which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations, such as dentistry, dietetics, nursing, paramedical occupations, health personnel, and pharmacy.

72-389 VT
Home Economics Education--Instructional Materials 1972. (Bibliography) ED 063 487 RIE September 1972 MF-$0.65; HC-$6.58
Instructional Materials, Abstracts, Resource Guides, Home Economics Education, Indexes (Locaters)
Over 300 resumes of instructional materials in home economics education are listed, which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a wide range of fields and occupations, such as child care occupations, consumer education, home management, interior design, and homemaking education.

72-390 VT
Industrial Arts Education--Instructional Materials 1972. 108p. (Bibliography) ED 062 577 RIE August 1972 MF-$0.65; HC-$6.58
Industrial Arts, Abstracts, Instructional Materials, Resource Guides, Indexes (Locaters)
Presented are over 200 resumes of instructional materials in industrial arts which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations, such as cabinetmaking, construction drafting, electronics, graphic arts, power mechanics, and woodworking.

72-391 VT
Trade and Industrial Education--Instructional Materials 1972. 546p. (Bibliography) ED 062 572 RIE August 1972 MF-$0.65; HC-$19.74
Trade and Industrial Education, Abstracts, Resource Guides, Instructional Materials, Indexes (Locaters)
This compilation presents over 1,150 resumes of instructional materials in trade and industrial education, which have appeared quarterly in "Abstracts of Instructional Materials in Vocational and Technical Education" (AIM), Fall 1967 through Fall 1971. Resumes cover a broad range of fields and occupations, such as apprenticeships, building design and trades, cooks, cosmetology, industrial technology, and metalworking.

72-392 VT
Beasley, Gary; Smiley, James **Occupational Experience for Vocational Education Teachers: A Handbook for Teacher Educators** *Information Series Number 40,* June 1971. 27p. (Paper) ED 060 174 RIE June 1972 MF-$0.65; HC-$3.29
Vocational Education Teachers, Teacher Education, Guidelines, School Industry Relationship, Cooperative Programs
To help teacher educators develop cooperative programs with industry so they may provide occupational experience programs for present and prospective teachers is the purpose of this paper. Special attention was directed toward a review of existing programs, the development of guidelines for future program development, areas of concern, and alternative approaches.

72-393 VT
Berry, Suzanne **Establishing a Training Program for Child Care Workers: A Guide for Teachers** December 1971. 52p. (Guide) ED 058 392 RIE April 1972 MF-$0.65; HC-$3.29
Child Care Workers, Guidelines, Job Training, Occupational Home Economics, Program Development
The critical shortage of child care personnel trained to work with children from infancy through adolescence, calls for the creation of training programs at the subprofessional level. Intended for the day care and child welfare agency personnel, teachers, and others interested in training child care workers, this publication offers guidelines for use in establishing such programs at the secondary, post-secondary, or adult training level.

72-394 VT
Bjorkquist, David **What Vocational Education Teachers Should Know About Individualizing Instruction** November 1971. 15p. (Paper) ED 057 184 RIE March 1972 MF-$0.65; HC-$3.29
Educational Objectives, Individualized Instruction, Learning Processes, Student Characteristics, Vocational Education
Classroom objectives, characteristics of the learner, and the learning process are the focal points of this publication. Although there will continue to be considerable trial and error in individualizing instruction, the vocational teacher can use the following general guidelines: (1) the task to be learned should be divided, (2) the instructional program should begin at a point commensurate with the learner's capabilities, and (3) principles by which individuals learn should be used in planning individualized instruction.

72-395 VT
Boss, Richard **What School Administrators Should Know About Vocational Education for Disadvantaged Youth in Urban Areas** July 1971. 29p. (Guide) ED 059 350 RIE December 1971 MF-$0.65; HC-$3.29
Administrator Guides, Disadvantaged Youth, Educational Programs, Urban Schools, Vocational Education
Described are the special problems of the disadvantaged and the administrative procedures required in programs for the disadvantaged. Existing programs are described to illustrate exemplary practices and procedures for program design, development, and administration. The special problems of guidance counseling, financial assistance, residential support, and health services are considered.

72-396 VT
Budke, Wesley E.; Magisos, Joel H. **Answers to Questions on Vocational Education: Administration, Opinion Leaders, Residential Schools, and State Advisory Councils** 8p. (Booklet) ED 057 232 RIE March 1972 MF-$0.65; HC-$3.29
Advisory Committees, Educational Innovation, Program Administration, Residential Schools, Vocational Education
Contained are questions and answers concerning aspects of vocational-technical education, including the (1) skills and expertise requirements for program administrators (2) identification of opinion leaders, (3) adoption of an innovation (4) role of residential schools, and (5) membership and responsibilities of state advisory councils.

72-397 VT
Budke, Wesley E.; Magisos, Joel H. **Answers to Questions on Vocational Education; Cooperative Education, Cost-Effectiveness, Curriculum Development; Occupational Exploration, Placement and Follow-Up and Programs for Rural Areas** 8p. (Booklet) ED 057 233 RIE March 1972 MF-$0.65; HC-$3.29
Cooperative Education, Cost Effectiveness, Curriculum Development, Vocational Education, Vocational Followup, Occupational Exploration
This short booklet contains questions and answers concerning aspects of vocational-technical education, including (1) satisfying student needs through cooperative education, (2) skill and ability requirements, (3) economic feasibility, (4) improving rural education, (5) characteristics of a career oriented school curriculum, and (6) increasing program effectiveness.

72-398 VT
Campbell, Robert E.; Vetter, Louise **Career Guidance: An Overview of Alternative Approaches** August 1971. 21p. (Report) ED 057 183 RIE March 1972 MF-$0.65; HC-$3.29
Career Planning, Occupational Guidance, Program Planning, Vocational Education, Career Development
The compact nature of the review provides a ready reference for practitioners seeking alternative delivery systems for accomplishing career development. Alternative approaches which received special attention are: (1) occupational exploration, (2) the developmental (K-14) approach, (3) systems approaches, and (4) computer-assisted approaches. Also included is a discussion of considerations and recommendations based on extrapolations of current and future options.

72-399 VT
Feck, Vincent **What Vocational Education Teachers and Counselors Should Know About Urban Disadvantaged Youth** October 1971. 47p. (Literature Review) ED 059 351 RIE December 1971 MF-$0.65; HC-$3.29
Counselor Role, Disadvantaged Youth, Guidelines, Teacher Role, Vocational Education
The compact nature of the review and its organization into guideline format should provide a ready reference for the practitioner seeking to improve his instruction. Major sections include: (1) Characteristics of Urban Disadvantaded Youth and Their Environment, (2) Guidance and Counseling, (3) Curriculum Design and Content, (4) Teaching Techniques, (5) Teacher Characteristics, and (6) Placement of Students.

72-400 VT
Fibel, Lewis R. **Review and Synthesis of Literature on Occupational Preparation in the Community College** 1972. 81p. (State-of-the-Art Review) ED 061 416 RIE July 1972 MF-$0.65; HC-$3.29
Technical Education, Community Colleges, College Curriculum, College Role, Research Reviews (Publications)
The role of community colleges in occupational education is examined in terms of methods of operation and extent of offering. Occupational preparation at the secondary school level is insufficient, which puts a heavier responsibility on the community college. Literature on entrance requirements and characteristics of enrolling students, curriculum, administration, and methods of instruction are all discussed. The author includes his recommendations for needed additional research, and an extensive bibliography.

72-401 VT
Hale, James A. **A Review and Synthesis of Research on Management Systems for Vocational and Technical Education** 1971. 183p. (State-of-the-Art Review) ED 062 505 RIE August 1972 MF-$0.65; HC-$6.58
Vocational Education, Educational Administration, Management Systems, Management Development, Research Reviews (Publications)
Tested management concepts and systems are needed for vocational and technical education. This publication assists in identifying substantive problems, methodological approaches, alternative solutions, and needed research and development in the areas of data and management systems, subsystems, and procedures.

72-402 VT
Herr, Edwin L. **Review and Synthesis of Foundations for Career Education. Preliminary Edition** 1972. 85p. (Literature Review) ED 059 402 RIE May 1972 MF-$0.65; HC-$3.29
Educational Philosophy, Literature Reviews, Research Needs, Career Education
To identify conceptual elements and trends leading to career education so that assumptions which the term represents are clear to program developers and decision-makers, an analysis was made of available historical, philosophical, conceptual, and theoretical literature. The analysis offers substantiation that the antecedents of career education reside in both vocational education and guidance. A review of existing projects reveals that only a few meet the levels of integration, synthesis, or longitude not expected of career education.

72-403 VT
Householder, Daniel L. **Review and Evaluation of Curriculum Development in Industrial Arts Education** *Information Series Number 53,* 1971. 61p. (State-of-the-Art Review) ED 060 175 RIE June 1972 MF-$0.65; HC-$3.29
Industrial Arts, Educational Innovation, Curriculum Development, Research Reviews (Publications), Industrial Education
Explored, analyzed, and compared are curriculum development efforts in industrial arts and suggested are priorities for future development, dissemination, and research activities. Materials presently available vary from philosophical guidelines for adaptation by the teacher, to highly specific text materials and laboratory manuals, available commercially. Problem areas of research, development, and dissemination are identified by the author.

72-404 VT
Impellitteri, Joseph T.; Finch, Curtis R. **Review and Synthesis of Research on Individualizing Instruction on Vocational and Technical Education** July 1971. 90p. (Literature Review) ED 058 389 RIE April 1972 MF-$0.65; HC-$3.29
Educational Development, Individualized Instruction, Research Reviews (Publications), Technical Education, Vocational Education
In this review, research and development materials identified through a computer search of materials in the Educational Resources Information Center (ERIC), are grouped according to this framework. Studies relating to the instructional component are located throughout the sections.

72-405 VT
Kidder, David E. **Review and Synthesis of Research on Manpower Forecasting for Vocational-Technical Education** 76p. (State-of-the-Art Review) ED 060 183 RIE June 1972 MF-$0.65; HC-$3.29
Vocational Education, Models, Systems Approach, Manpower Needs, Research Reviews (Publications)
Designed to assist vocational education program planners as well as researchers in making manpower projections, this report attempts to sort out and classify forecasts and their underlying models. No one model clearly boasts more advantages than any other. However, the author stated a preference for the Occupational Training Information System (OTIS) approach which, for forecasting at the state level, has definite advantages as a total systems approach.

72-406 VT
Lockette, Rutherford E.; Davenport, Lawrence F. **Review and Synthesis of Research on Vocational Education for the Urban Disadvantaged** November 1971. 53p. (Literature Review) ED 058 391 RIE April 1972 MF-$0.65; HC-$3.29
Disadvantaged Groups, Educational Programs, Research Reviews (Publications), Urban Environment, Vocational Education
Researchers and practitioners should find this publication useful in identifying substantive problems, methodological approaches, and applicable research findings. Major sections of the document include: (1) Historical Perspective, (2) Rationale For and Characteristics, (3) Research on Vocational Education Programs, (4) Evaluation and Discussion of the Research Efforts, and (5) Important Considerations in Developing and Operating Vocational Education Programs for the Disadvantaged.

72-407 VT
Malinski, Joseph F. **Planning Techniques for Local Programs of Vocational Education** 1972. 32p. (State-of-the-Art Review) ED 062 518 RIE August 1972 MF-$0.65; HC-$3.29
Vocational Education, Program Planning, Educational Policy, Management Information Systems
A synthesis of the development of educational management practices, with the aim of improving communications among the various institutions providing vocational programs at the local level and the agencies providing program support at local, state, and national levels is presented.

72-408 VT
McCracken, J. David; Magisos, Joel H. **Answers to Questions on Vocational Education; Curriculum Planning--Metalworking, Environmental Control, Public Services, Construction, Food Processing and Distribution, Health, and Transportation** 8p. (Booklet) ED 057 231 RIE March 1972 MF-$0.65; HC-$3.29
Curriculum Development, Occupations, School Industry Relationship, Vocational Education
Contained are questions and answers concerning aspects of vocational-technical education, including (1) information needed when curriculum for a new occupation is initiated, (2) importance of cooperating with business and industry in program development, (3) making education responsive to emerging job requirements, and (4) examples of new occupations. The publications from which these answers were drawn review and synthesize research in the field.

72-409 VT
Nowrasteh, Daryush M. **Planning and Management Systems for State Programs of Vocational and Technical Education: An Application Research** 1971. 40p. (Literature Review) ED 059 353 RIE December 1971 MF-$0.65; HC-$3.29
Management Systems, Program Administration, Program Planning, State Programs, Vocational Education
This Literature Review provides a ready reference for the practitioner seeking to develop and improve management systems for vocational education in his state. Major sections include: (1) Systems and Systems Analysis, (2) Management by Objectives; (3) Operations Research; (4) Program Evaluation and Review Technique and Critical Path Method; (5) Planning, Programming, Budgeting Systems; (6) Management Information Systems; and (7) Performance Indicators.

72-410 VT
Oaklief, Charles **Review and Synthesis of Research on Vocational and Technical Education for the Rural Disadvantaged** August 1971. 49p. (Literature Review) ED 058 390 RIE April 1972 MF-$0.65; HC-$3.29
Disadvantaged Groups, Educationally Disadvantaged, Literature Reviews, Rural Areas, Vocational Education
Legislation and social concern have given new focus to meeting the special needs of the disadvantaged. Identified are the substantive problems and methodological approaches for researchers interested in the solution of rural problems. Practitioners are provided with a summary of research findings that have application to educational programs in rural areas. This publication reviews the educational disadvantagement of rural people as influenced by socioeconomic and other factors with reference to the accomplishments of vocational and technical education. Covered are pre-vocational to adult, and continuing education for the rural disadvantaged.

72-411 VT
Sjogren, Douglas **Review and Synthesis of Research on Occupational Adaptability** July 1971. 34p. (State-of-the-Art Review) ED 057 182 RIE March 1972 MF-$0.65; HC-$3.29
Literature Reviews, Occupational Clusters, Research Reviews (Publications), Vocational Education
This state-of-the-art paper should assist in identifying substantive problems and methodological approaches for researchers and curriculum development specialists as well as providing practitioners with a summary of research findings that have application to educational programs. Research is categorized by: (1) Occupational Adaptability Studies, (2) Job Analysis, (3) Curriculum-Oriented Work, (4) Work Adjustment, and (5) Critique.

72-412 VT
Walker, Robert W. **What Vocational Education Teachers Should Know About Disadvantaged Youth in Rural Areas** October 1971. 29p. (Literature Review) ED 059 352 RIE December 1971 MF-$0.65; HC-$3.29
Disadvantaged Youth, Guidelines, Rural Areas, Vocational Education
This "state-of-the-art" paper should serve as a guideline for teachers concerned with the development of programs at the local level to meet the needs of students identified as academically disadvantaged. The paper focuses on rural academically disadvantaged students, the factors which contribute to their maladjustment, and their personal characteristics.

72-413 VT
Wall, James E. **Review and Synthesis of Strategies for Effecting Change in Vocational and Technical Education** 1972. 64p. (State-of-the-Art Review) ED 062 512 RIE August 1972 MF-$0.65; HC-$3.29
Vocational Education, Educational Strategies, Educational Change, Research Reviews (Publications), Educational Innovation
Written as a synthesis of strategies for effecting change, this document is directed toward developing local vocational-technical programs which are continuously innovative and self-renewing, and with change efforts devoted to improving what the teacher does and how he does it. The literature is reviewed by (1) rationale for planned change, (2) the change process, and (3) alternative strategies for implementation.

72-414 VT
Wallace, Harold R. **Review and Analysis of Instructional Materials for Cooperative Vocational Education** 1972. 30p. (State-of-the-Art Review) ED 062 513 RIE August 1972 MF-$0.65; HC-$3.29
Vocational Education, Cooperative Education, Instructional Materials, Curriculum Evaluation, Research Reviews, Literature Reviews
Three learning situations found in the cooperative program, namely vocational or technical course work, training stations, and the related class, are described and pertinent curriculum materials are reviewed. In addition to content, the reviewer examines quality and usefulness, validity, enrichment materials and instructional aids, and student involvement and participation, according to criteria which he sets forth in the document.

72-415 VT
Wenig, Robert E.; Wolansky, William D. **Review and Synthesis of Literature on Job Training in Industry** 1972. 66p. (State-of-the-Art Review) ED 062 514 RIE August 1972 MF-$0.65; HC-$3.29
Vocational Education, Job Training, School Industry Relationship, Program Evaluation, Manpower Development, On The Job Training
It is imperative that vocational and technical educators study job training programs and policies in industry in order to develop curriculums that will enable students to make a better transition from school to work. The purpose of this paper to gather pertinent information about job training efforts in industry so that vocational and technical educators can make informed decisions aimed at improving job training programs.

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EM EDUCATIONAL MEDIA AND TECHNOLOGY
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FL LANGUAGES AND LINGUISTICS
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Washington, D.C. 20036

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